

WiSACWIS Data Dictionary User's Manual

September 30, 2004

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I. Purpose

The WiSACWIS Data Dictionary was built using MS Access. The data in the Data Dictionary is stored in a combination of Access tables and linked Oracle tables. The purpose of the Data Dictionary is twofold. It provides a place to view and maintain the metadata related to the WiSACWIS database. It also provides a tool to assist in analysis and research for developing queries that will provide the necessary WiSACWIS data for ad hoc reports.

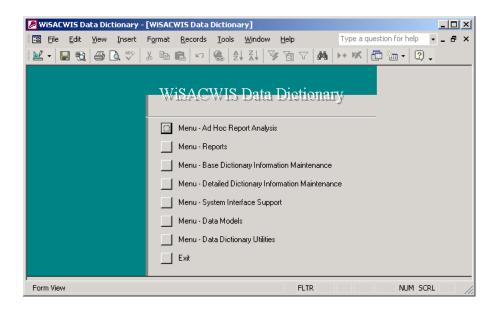
This document is user documentation for the WiSACWIS Data Dictionary application. It describes the available menus, windows, and functions. The current location of the Master WiSACWIS Data Dictionary is L:\SACWIS\Database\Data Model\widatadi.mdb. The MS Access data and application are both contained on this one file. Additional data is stored in linked Oracle tables residing in the Gray development database. The widatadi.mdb file contains links to these tables. A valid login and password for the Gray database is necessary to use most of the features of the Data Dictionary. However, the Data Dictionary contains a process to create a transportable version of the Dictionary that is not dependent on being on the DHFS network and having access to the Oracle environment. A transportable version of the Dictionary is standalone and can be accessed without special access or privileges. The data, however, is only current as of the date in the file name of the transportable Dictionary. Some windows and functions described in this User's Manual are not available or operate differently in the transportable Dictionary. These differences will be noted in this Manual.

The Data Dictionary application has the ability to display eWiSACWIS screenshots and data models. These pictures are stored as .JPG files in the L:\SACWIS\Database\Data Model\Screenshots folder. When using the transportable Dictionary, these .JPG files need to be in the same folder as the transportable Dictionary .MDB file (Access database file).

II. Menus

A. Main Menu

The WiSACWIS Data Dictionary contains has nine menus – a main menu, six primary menus, and two secondary menus. The *Main Menu* provides access to the primary menus.



The buttons on the *Main Menu* provide access to the following menus and windows.

- *Menu Ad Hoc Report Analysis* brings up the menu for assisting ad hoc report developers in finding the WiSACWIS table columns needed for fulfilling an ad hoc report request. Table relationship information is also readily available to facilitate query development.
- *Menu Reports* provides a list of available Data Dictionary reports for viewing the contents of the Dictionary.
- *Menu Base Dictionary Information Maintenance* brings up the menu for viewing and maintaining the base Data Dictionary information that resides in Oracle. This includes table, topic, and data element information.
- Menu Detailed Dictionary Information Maintenance brings up the menu for viewing and
 maintaining detailed Dictionary information. This includes information relating WiSACWIS
 topics and tables, detailed table element information, table relationship information, and
 WiSACWIS window information.
- *Menu System Interface Support* brings up the menu for viewing and maintaining information about the contents of the WiSACWIS/County System interface facility.
- Menu Data Models displays a window that graphically depicts the relationship between the
 Oracle and MS Access tables that make up the Data Dictionary as well as pictures of the
 Entity-Relationship Diagrams for many of the WiSACWIS tables.
- *Menu Data Dictionary Utilities* contains various utility functions useful for maintaining the information in the WiSACWIS Data Dictionary. This menu is not available in the transportable Dictionary.
- Exit closes the WiSACWIS Data Dictionary.

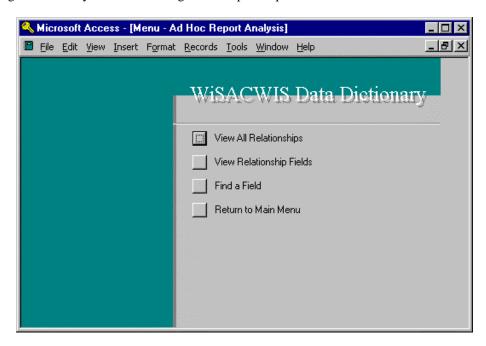
Related Window – Oracle8 ODBC Driver Connect

The *Oracle8 ODBC Driver Connect* window connects the Data Dictionary user with the Oracle tables that make up a portion of the Dictionary. A valid login for the "RED" Oracle database environment is required to access some of the windows and functions of the Data Dictionary. This window will appear the first time the user accesses one of the windows, reports, or functions that requires access to the Oracle tables. As long as the Data Dictionary remains opened, this login will not be required again. The user enters the valid password and clicks the <OK> button to proceed. This login will not appear and is unnecessary when using the transportable Dictionary.



B. Ad Hoc Report Analysis Menu

The windows and functions grouped under this menu are intended to assist ad hoc report developers in analyzing the necessary data for fulfilling ad hoc report requests.

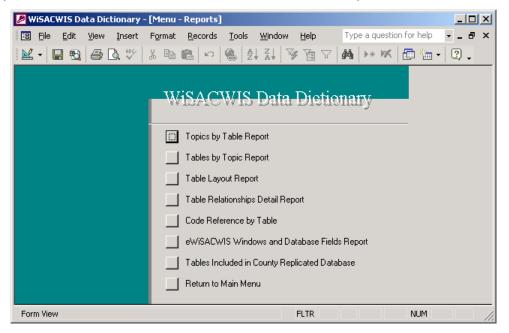


The functions and windows available on the Ad Hoc Report Analysis Menu are:

- View All Relationships lists all WiSACWIS table to table relationships.
- View Relationship Fields displays details of the fields used to join two related WiSACWIS tables.
- *Find a Field* provides the ad hoc report developer with a search tool that searches the Data Dictionary for WiSACWIS fields that satisfy user-specified criteria.
- Return to Main Menu returns the user to the main menu.

C. Reports Menu

The *Reports Menu* provides preview and print access to Data Dictionary reports. Additional reports may be added in the future in order to meet additional Data Dictionary needs.

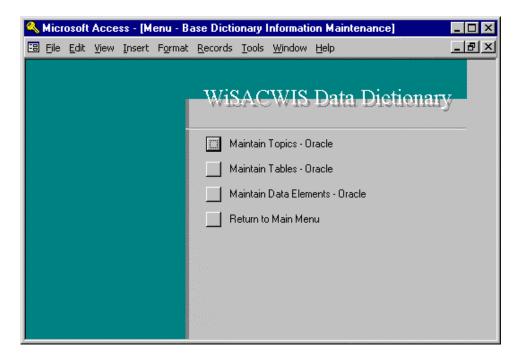


The reports and functions available on the Reports Menu are:

- *Topics by Table Report* lists information about which WiSACWIS topics access each WiSACWIS table and for what purpose.
- *Tables by Topic Report* lists information about which WiSACWIS tables are accessed by each Topic.
- *Table Layout Report* provides table and field information in a format matching each tables physical organization. This report is available for a selected table or for all tables.
- *Table Relationships Detail Report* lists detailed information about each logical table to table relationship in WiSACWIS.
- Code Reference by Table lists the valid code values and their meanings for coded fields in a selected WiSACWIS table or for all tables.
- *eWiSACWIS Windows and Database Fields Report* provides detailed information about the WiSACWIS database table and fields contained on each window in the eWiSACWIS system.
- Tables Included in County Replicated Database lists the WiSACWIS tables that are contained on each county's WiSACWIS Replicated Database residing in the county environment.
- Return to Main Menu returns the user to the main menu.

D. Base Dictionary Information Maintenance Menu

The Base Dictionary Information Maintenance Menu provides windows for viewing and maintaining base Data Dictionary information.

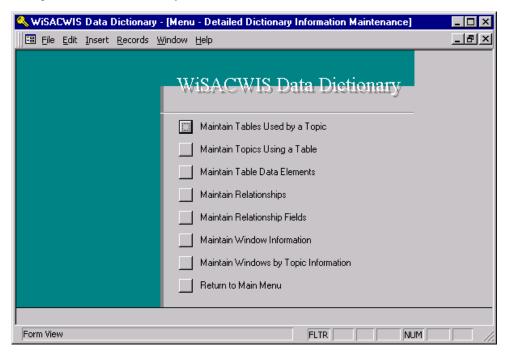


The windows and functions available on the Base Dictionary Information Maintenance Menu are:

- *Maintain Topics Oracle* provides a window to display and maintain base WiSACWIS topic information stored in the linked Oracle table.
- *Maintain Tables Oracle* provides a window to display and maintain base WiSACWIS table information stored in the linked Oracle table.
- Maintain Data Elements Oracle provides a window to display and maintain base
 WiSACWIS data element information stored in the linked Oracle table. The data element
 information maintained on this window is without regard to which WiSACWIS table the data
 element actually appears in. The Detailed Dictionary Information Maintenance Menu
 provides a window to view and maintain data element information specifically related to its
 inclusion in a particular WiSACWIS table.
- Return to Main Menu returns the user to the main menu.

E. Detailed Dictionary Information Maintenance Menu

The *Detailed Dictionary Information Maintenance Menu* provides windows for viewing and maintaining detailed Data Dictionary information.

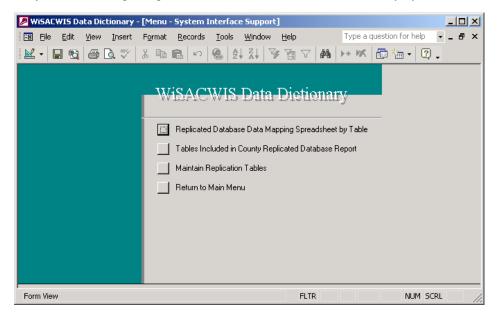


The windows and functions available on the Detailed Dictionary Information Maintenance Menu are:

- *Maintain Tables Used by a Topic* provides a window to view and associate WiSACWIS tables used by each topic. Detailed information about this association includes the table's purpose within the topic and the type of access within the topic for each table. The type of access describes if information on the table is created, read, updated, and/or deleted by processes within the topic.
- *Maintain Topics Using a Table* provides an alternative means of viewing and maintaining the same information maintained by the *Maintain Tables Used by a Topic* window.
- Maintain Table Data Elements provides a window to display and maintain detailed
 WiSACWIS data element information as it relates to its inclusion in a particular WiSACWIS
 table. Base data element information is also displayed on this window in order to give the
 user a complete picture.
- *Maintain Relationships* provides a window to display and maintain WiSACWIS table to table logical relationship information.
- Maintain Relationship Fields provides a window to display and maintain detailed WiSACWIS table to table relationship information that specifies the table fields used to relate the two tables.
- *Maintain Window Information* provides a window to display and maintain information about the eWiSACWIS application windows. This window also provides the ability to open a screenshot picture of the eWiSACWIS window.
- Maintain Windows by Topic Information provides the ability to view and maintain the windows related to each WiSACWIS topic and additional detailed information about eWiSACWIS windows.
- Return to Main Menu returns the user to the main menu.

F. System Interface Support Menu

The *System Interface Support Menu* provides windows for viewing and maintaining detailed Data Dictionary information regarding interfaces between WiSACWIS and County Systems.

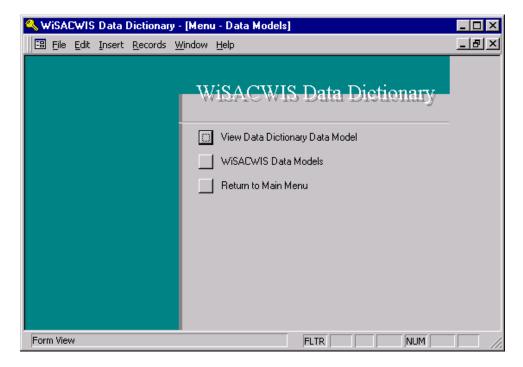


The windows and functions available on the WiSACWIS/County System Interface Support Menu are:

- Replicated Database Data Mapping Spreadsheet by Table provides the ability to select, create, and format an Excel spreadsheet that can be used as a tool for mapping county data to the data fields on each table in the WiSACWIS Replicated Database.
- Tables Included in County Replicated Database lists the WiSACWIS tables that are contained on each county's WiSACWIS Replicated Database residing in the county environment. This report is also available from the Reports Menu.
- *Maintain Replication Tables* provides a window to view and document the tables contained on the WiSACWIS Replicated Database.
- Return to Main Menu returns the user to the main menu.

G. Data Models Menu

The *Data Models Menu* provides the ability to view the data model for the WiSACWIS Data Dictionary as well as data models for the data subject areas that are included in the WiSACWIS/County System Interfaces.

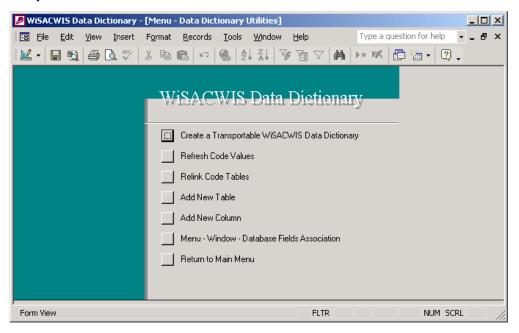


The windows and functions available on the Data Models Menu are:

- View Dictionary Table Relationships displays a window that graphically depicts the
 relationship between the Oracle and MS Access tables that make up the Data Dictionary. The
 Oracle tables are imported as Access tables in the transportable Dictionary.
- WiSACWIS Data Models lists the data models available in the Data Dictionary. This menu item also provides information on which tables are contained in each data model as well as the data models each table is depicted in.
- Return to Main Menu returns the user to the main menu.

H. Data Dictionary Utilities Menu

The *Data Dictionary Utilities Menu* provides a number of functions and processes for maintaining, refreshing, and distributing the Data Dictionary. This menu is not available in the transportable Dictionary.

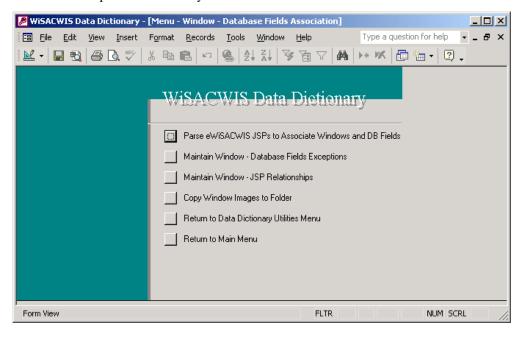


The functions, processes, windows, and menus available on the Data Dictionary Utilities Menu are:

- Create a Transportable WiSACWIS Data Dictionary copies the Master Dictionary file and modifies it so that the new Dictionary file can be distributed and used as a standalone Dictionary.
- Refresh Code Values accesses specified WiSACWIS code tables and refreshes the code
 values that are stored redundantly in the Data Dictionary. These code values are available for
 display on Dictionary windows and reports.
- *Relink Code Tables* provides the ability to change the WiSACWIS Oracle instance used in refreshing the Data Dictionary code values.
- Add New Table is used to document a new WiSACWIS table in the Dictionary by parsing the Create Table SQL and creating the base data in the Dictionary. The base data created includes information about the new table and the fields contained on the table. Additional information (e.g. definitions, relationships) needs to be added manually to fully document a new table in the Dictionary.
- Add New Column is used to document a new WiSACWIS field that has been added to an
 existing WiSACWIS table. This window parses the Alter Table SQL and creates the base
 data in the Dictionary. Additional information (e.g. definitions, code values) needs to be
 added manually to fully document a new field in the Dictionary.
- *Menu Window Database Fields Association* contains functions for maintaining the association of WiSACWIS database fields to the eWiSACWIS application windows that the fields appear on.
- Return to Main Menu returns the user to the main menu.

I. Window – Database Fields Association Menu

The *Window – Database Fields Association Menu* provides the functions and windows for maintaining the association between WiSACWIS database fields and eWiSACWIS application windows. This information shows what fields are displayed on each eWiSACWIS window. This menu is not available in the transportable Dictionary.



The functions and windows available on the Window - Database Fields Association Menu are:

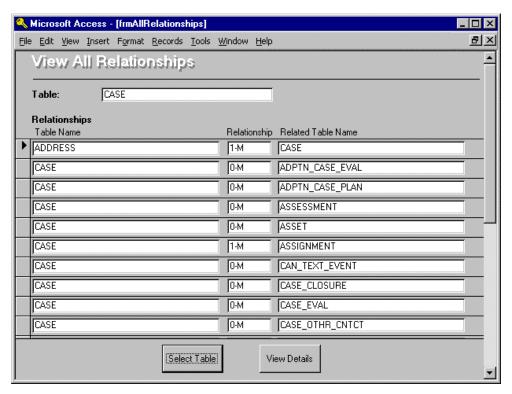
- Parse eWiSACWIS JSPs to Associate Windows and DB Fields provides a facility that
 populates the WiSACWIS database field to eWiSACWIS window association information in
 the Data Dictionary. This is done by parsing eWiSACWIS Java Server Pages (JSP) code
 looking for references to database fields.
- Maintain Window Database Fields Exceptions is used to maintain additional fields to windows associations that the parse routine above cannot capture. Many of the eWiSACWIS windows contain formatted fields that consist of 2 or more database fields. For example, address information contains eight fields that is formatted for display purposes on several eWiSACWIS windows. In these situations, the JSP code references the formatted result rather than the individual database fields. The individual database fields are documented in the Exceptions table so that this detail is available whenever the parse routine is run.
- *Maintain Window JSP Relationships* opens a query that details the JSP that is parsed for each eWiSACWIS window. Additional details such as tab ID and header ID for tabbed windows is also available on this query.
- Copy Window Images to Folder is a function that simplifies the accumulation of the eWiSACWIS window screenshot images into one folder.
- Return to Data Dictionary Utilities Menu returns the user to the Data Dictionary Utilities menu.
- Return to Main Menu returns the user to the main menu.

III. Ad Hoc Report Analysis Menu Windows

This section shows and describes the windows that are directly and indirectly accessible from the *Ad Hoc Report Analysis Menu*. Indirectly accessible windows are listed as *Related Windows*.

A. View All Relationships Window

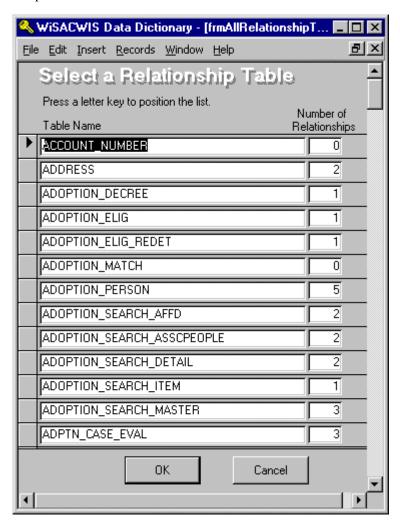
The *View All Relationships* window shows all table to table relationships for a particular table. All relationships are displayed for the selected table, regardless of which side of the relationship the selected table is on. This window is inquiry only. Table to table relationships are maintained on the *VI.D. Maintain Relationships* window.



Field/Button	Description	Notes
Table	Name of the selected table	A different table can be selected by clicking
		on the <select table=""> button.</select>
Relationships	Name of the parent table in the	The selected table may appear on either side
- Table Name	relationship	of the relationship.
- Relationship	The cardinality of the relationship	Valid values include 0-1, 1-1, 0-M, and 1-M.
- Related Table	Name of the related table in the	
	relationship	
<select table=""></select>	Opens the Select Relationship Table	Allows selection of a different table whose
button	window	relationships the user wants to view.
<view< td=""><td>Opens the View Relationship Fields</td><td>Shows table fields used to join the two tables.</td></view<>	Opens the View Relationship Fields	Shows table fields used to join the two tables.
Details> button	window	Double-clicking a Relationship row is
		analogous to selecting a Relationship and
		clicking the <view details=""> button.</view>

1. Related Window - Select a Relationship Table

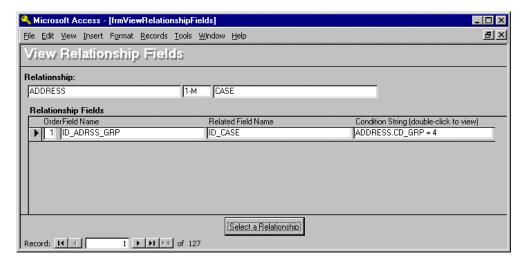
The *Select a Relationship Table* window allows the selection of a table whose table to table relationships the user wants to view.



Field/Button	Description	Notes
Table Name	Name of table to select	
Number of	The number of table to table	
Relationships	relationships that the table participates in	
<ok> button</ok>	Closes the window and re-displays the	Double-clicking a Table Name row is
	View All Relationships window for the	analogous to selecting that Table Name and
	selected Table Name	clicking the <ok> button.</ok>
<cancel></cancel>	Closes the window without selecting a	
button	new Table Name	
<any letter<="" td=""><td>Positions the list to the first Table Name</td><td>A beep will sound if a key is pressed that</td></any>	Positions the list to the first Table Name	A beep will sound if a key is pressed that
key>	that starts with the letter key pressed	does not correspond to a Table Name on the
		list.

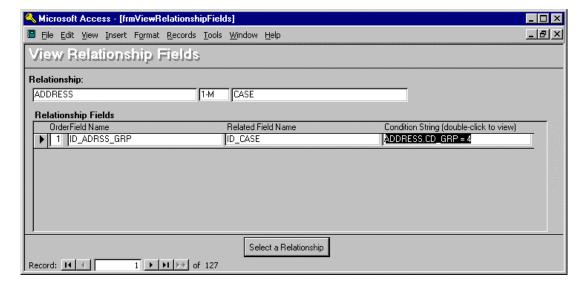
2. Related Window - View Relationship Fields

The *View Relationship Fields* window displays the details of the selected table to table relationship. See the *III.B. View Relationship Fields Window* section for a detailed description of this window.



B. View Relationship Fields Window

The *View Relationship Fields* window displays the details of the selected table to table relationship. The details include the table fields used to join the tables as well as any required condition string that further defines how the tables are related.

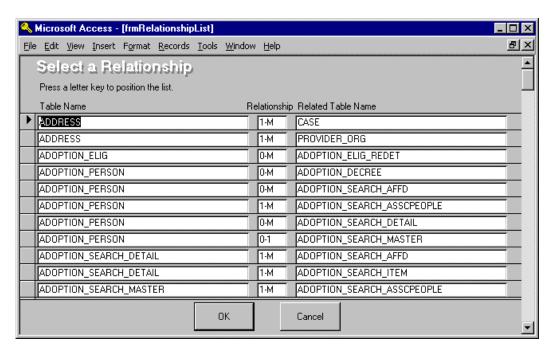


Field/Button	Description	Notes
Relationship	The table name, cardinality, and related	A different relationship can be selected by
	table name for the selected relationship	clicking on the <select a="" relationship=""></select>
		button.

Field/Button	Description	Notes
Relationship	The sequential order of the fields within	
Fields	the relationship	
- Order		
- Field name	Name of a field on the parent table that	
	establishes part or all of the relationship	
- Related Field	Name of a field on the related table	
Name	whose value must be equal to the value	
	in Field Name for two records to be	
	related in the two tables	
- Condition	Additional SQL WHERE condition	If the condition string is long, double-
String	necessary for defining the table to table	clicking in this field opens the <i>View</i>
	relationship	Condition String pop-up window.
<select a<="" td=""><td>Opens the Select a Relationship window</td><td>Alternatively, the record navigation buttons</td></select>	Opens the Select a Relationship window	Alternatively, the record navigation buttons
Relationship>		at the bottom of the window can be used to
button		scroll through all of the relationships.

1. Related Window - Select a Relationship

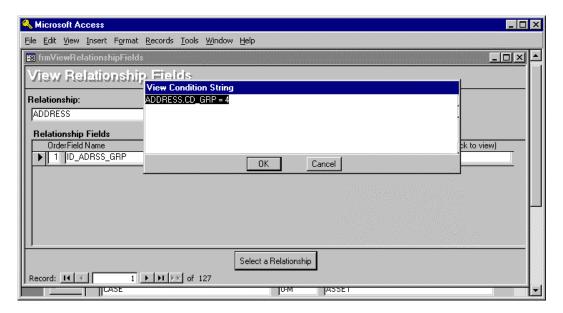
The *Select a Relationship* window allows the Data Dictionary user to select a new table to table relationship in order to view that relationships field-level detail on the *View Relationship Fields* window.



Field/Button	Description	Notes
Table Name	The name of the parent table in the	
	relationship	
Relationship	The cardinality of the relationship	
Related Table	The name of the related table in the	
Name	relationship	
<ok> button</ok>	Closes the window and re-displays the	Double-clicking a relationship row is
	View Relationship Fields window for the	analogous to selecting that relationship and
	selected relationship	clicking the <ok> button.</ok>
<cancel></cancel>	Closes the window without selecting a	
button	new relationship	
<any letter<="" td=""><td>Positions the list to the first parent table</td><td>A beep will sound if a key is pressed that</td></any>	Positions the list to the first parent table	A beep will sound if a key is pressed that
key>	name that starts with the letter key	does not correspond to a parent table name
	pressed	on the list.

2. Related Window - View Condition String

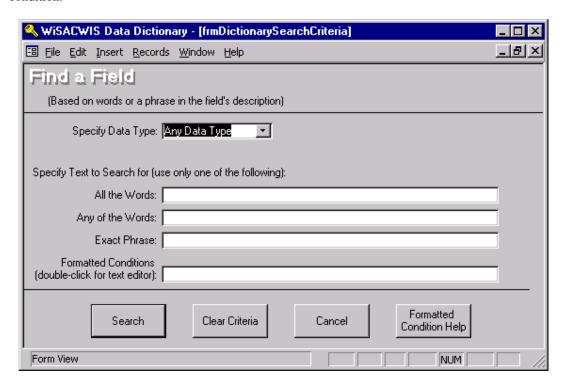
The *View Condition String* pop-up window provides a larger text area for viewing long condition strings.



Field/Button	Description	Notes
View	Additional SQL WHERE clause	
Condition	condition necessary for defining the	
String	table to table relationship	
<ok> button</ok>	Closes the window	
<cancel></cancel>	Closes the window	
button		

C. Find a Field Window

The *Find a Field* window provides the ad hoc report developer with a Data Dictionary search function for investigating WiSACWIS tables and fields that may be candidates for an ad hoc report query. The basic search facility references field data type, general description, and table-specific description. The description fields can easily be searched for all the words, any of the words, or an exact phrase. If a more complicated search is desired, the ad hoc report developer can format his/her own search condition.

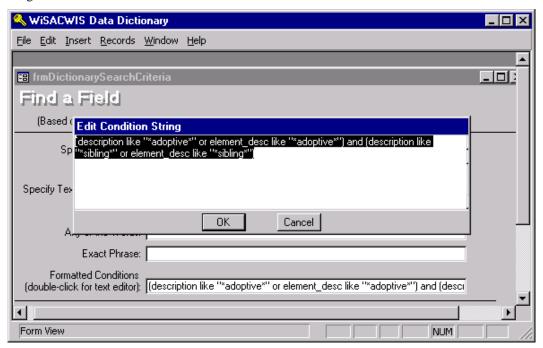


Field/Button	Description	Notes
Specify Data	Data type of the field that the user is	Values include Any Data Type, Numeric
Type	trying to find	Data, Text Data, Date Data, and BLOB Data.
Specify Text to	Any number of words separated by a	Only one of the Specify Text to Search for
Search for	space that either of the field descriptions	fields may be filled in on the window.
- All the	(general and table-specific) must	
Words	contain. A WiSACWIS field is selected	
	only if its descriptions contain All the	
	Words.	
- Any of the	Any number of words separated by a	
Words	space that either of the field descriptions	
	may contain. A WiSACWIS field is	
	selected if its descriptions contain Any	
	of the Words.	
- Exact Phrase	An exact phrase that either of the field	The exact phrase should not be formatted
	descriptions must contain. A	with quote marks.
	WiSACWIS field is selected only if its	
	descriptions contain the Exact Phrase.	

Field/Button	Description	Notes
- Formatted	One or more conditions formatted in MS	Pressing the <formatted condition="" help=""></formatted>
Conditions	Access SQL WHERE clause format that	button provides the user with basic guidance
	a field must meet. A WiSACWIS field	in properly formatting the condition(s).
	is selected only if the formatted	Double-clicking in this field opens the <i>Edit</i>
	condition is met.	Condition String window to facilitate the
		entry of a long condition string.
<search></search>	Executes the Data Dictionary search	
button	query and opens the Fields Satisfying	
	Search Criteria window displaying the	
	query results	
<clear< td=""><td>Clears all of the search criteria fields on</td><td></td></clear<>	Clears all of the search criteria fields on	
Criteria>	the window	
button		
<cancel></cancel>	Closes the window	
button		
<formatted< td=""><td>Displays the Formatted Conditions</td><td></td></formatted<>	Displays the Formatted Conditions	
Condition	Search Help window	
Help> button		

1. Related Window - Edit Condition String

The *Edit Condition String* pop-up window provides a larger text area for entering long condition strings.

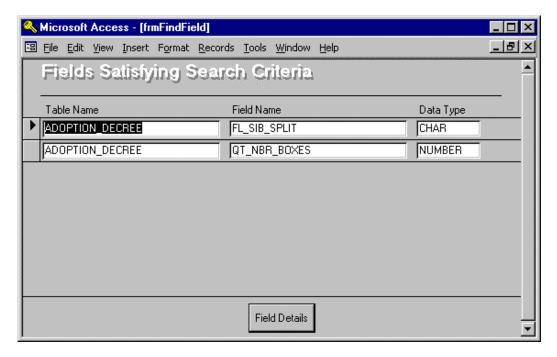


Field/Button	Description	Notes
Edit Condition	A condition string formatted as a SQL	
String	WHERE clause for finding candidate	
	fields for an ad hoc query	

Field/Button	Description	Notes
<ok> button</ok>	Closes the window and returns the	
	condition string to the Find a Field	
	window	
<cancel></cancel>	Closes the window	
button		

2. Related Window - Fields Satisfying Search Criteria

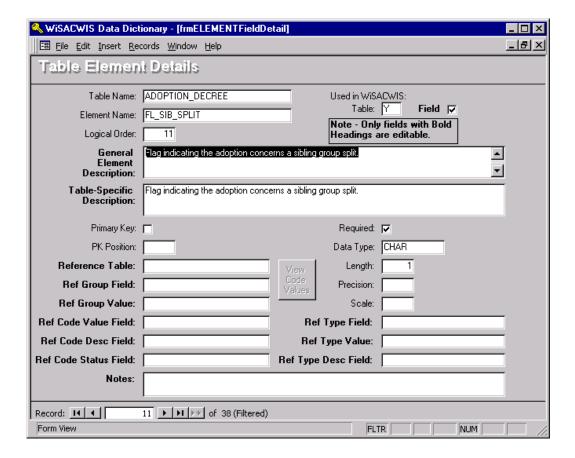
The *Fields Satisfying Search Criteria* window displays the results of the query specified by the user on the *Find a Field* window. This window allows the user to do further analysis by drilling down into the details of each WiSACWIS field satisfying the criteria.



Field/Button	Description	Notes
Table Name	The name of the table that contains the	
	field satisfying the search criteria	
Field Name	The name of the field satisfying the	
	search criteria	
Data Type	The data type of the field satisfying the	
	search criteria	
<field< td=""><td>Opens the Table Elements Detail</td><td>Double-clicking a table/field row is</td></field<>	Opens the Table Elements Detail	Double-clicking a table/field row is
Details> button	window for the selected table/field	analogous to selecting that table/field and
		clicking the <field details=""> button.</field>

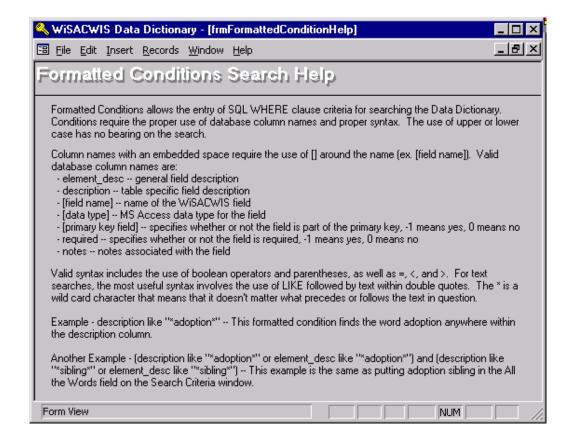
3. Related Window - Table Element Details

The *Table Element Details* window provides the ad hoc report developer with additional detail concerning the data field found using the Data Dictionary search facility. See the *VI.C.2. Related Window – Maintain Table Element Details* for a detailed description of this window.



4. Related Window - Formatted Conditions Search Help

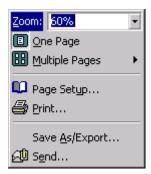
The Formatted Conditions Search Help window provides the user with basic Help information about how to construct a formatted search condition on the Find a Field window.



IV. Reports Menu Reports

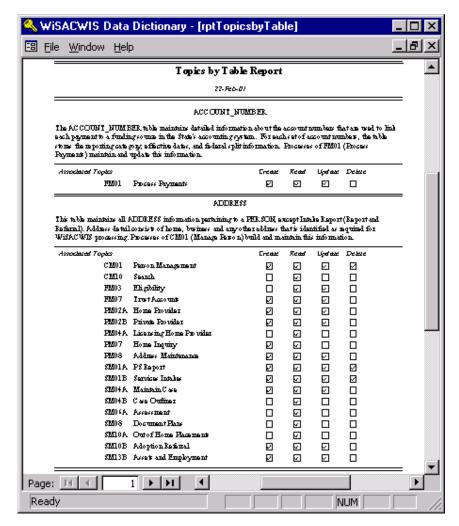
This section shows and describes the reports that are available from the *Reports Menu*. Selection list windows that support these reports are listed as *Related Windows*.

All reports are initially displayed in preview mode. In this mode the scroll bars on the preview window can be used to move around on the displayed page of the report. The page navigation buttons at the bottom of the preview window are used to move sequentially (forward or backward) through the pages of the report, or to position the report on the first, last, or a user-entered page. Positioning the mouse pointer on the preview window title bar and clicking the right mouse button brings up the following pop-up menu. This menu can be used to size the report within the preview window, change the page setup, print the report, export the report to an .RTF file or some other format, or to send an exported version of the report to an e-mail recipient.



A. Topics by Table Report

The *Topics by Table Report* shows, for each WiSACWIS table, the WiSACWIS topics accessing the table and for what purpose (i.e. for the purpose of creating, reading, updating, and/or deleting information from the table). The report also includes the table definition.



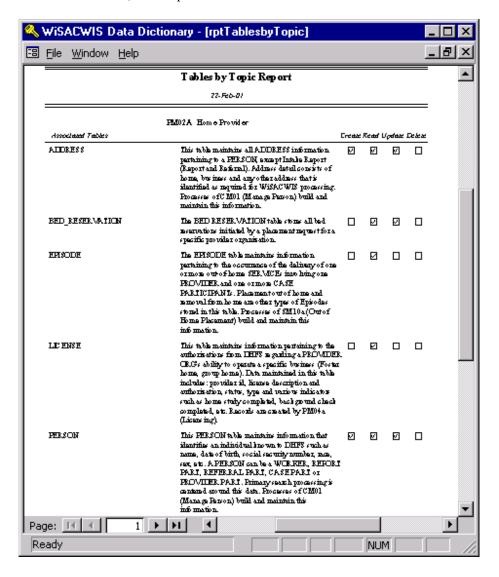
Field	Description	Notes
Table Name	The name that uniquely identifies a	
	WiSACWIS table	
Table	A good explanation of the data content	
Description	and function of this table within	
	WiSACWIS	
Associated	The unique identifier of a topic	
Topic ID	associated with the WiSACWIS table	
Topic	A brief phrase describing the	
Description	functionality and features within the	
	topic	
Create	A checkmark signifies that at least one	
	row of the table may be created by the	
	topic's functionality	

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Field	Description	Notes
Read	A checkmark signifies that at least one	
	row of the table may be read by the	
	topic's functionality	
Update	A checkmark signifies that at least one	
	row of the table may be updated by the	
	topic's functionality	
Delete	A checkmark signifies that at least one	
	row of the table may be deleted by the	
	topic's functionality	

B. Tables by Topic Report

The *Tables by Topic Report* shows, for each WiSACWIS topic, the WiSACWIS topics accessing the table and for what purpose (i.e. for the purpose of creating, reading, updating, and/or deleting information from the table). The report also includes the table definition.



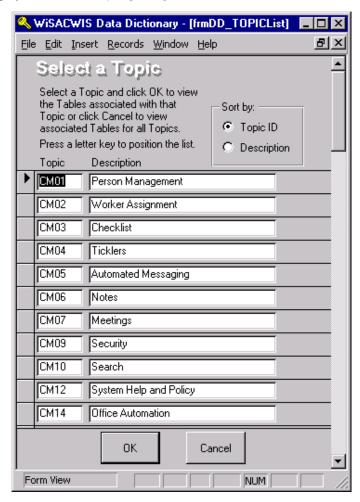
Field	Description	Notes
Topic ID	The assigned code that uniquely	
	identifies a WiSACWIS topic	
Topic	A brief phrase describing the	
Description	functionality and features within the	
	topic	
Associated	The unique name of a WiSACWIS table	
Table Name	that is associated with the topic	
Table	A good explanation of the data content	
Description	and function of this table within	
	WiSACWIS	

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Field	Description	Notes
Create	A checkmark signifies that at least one	
	row of the table may be created by the	
	topic's functionality	
Read	A checkmark signifies that at least one	
	row of the table may be read by the	
	topic's functionality	
Update	A checkmark signifies that at least one	
	row of the table may be updated by the	
	topic's functionality	
Delete	A checkmark signifies that at least one	
	row of the table may be deleted by the	
	topic's functionality	

1. Related Window – Select a Topic

The *Select a Topic* window provides the user with the ability to select a particular WiSACWIS topic to display on the *Tables by Topic Report*.

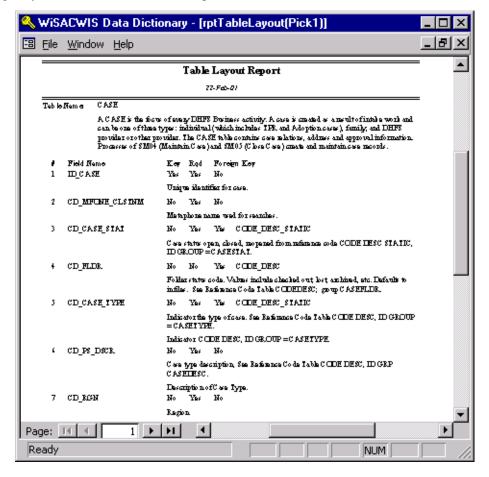


Field/Button	Description	Notes
Topic	The assigned identifier for the topic	
Description	A descriptive name for the topic	
Sort By	Toggles between two different sort sequences for the list	The selected sort sequence affects letter key list positioning as described below.
<ok> button</ok>	Closes the window and opens a preview window for the <i>Tables by Topic Report</i> for the selected topic	Double-clicking a Topic row is analogous to selecting that Topic and clicking the <ok> button.</ok>
<cancel> button</cancel>	Closes the window and opens a preview window for the <i>Tables by Topic Report</i> for the ALL topics	

Field/Button	Description	Notes
<any letter<="" td=""><td>Positions the list to the first topic that</td><td>If the Sort By is set to Topic ID, the letter</td></any>	Positions the list to the first topic that	If the Sort By is set to Topic ID, the letter
key>	starts with the letter key pressed	key pressed will position the list on the first
		Topic ID starting with that letter. If the Sort
		By is set to Description, list positioning is
		based on the text of the Description field. A
		beep will sound if a key is pressed that does
		not correspond to a topic on the list.

C. Table Layout Report

The *Table Layout Report* shows the table definition and details about each field within the selected table. Field details include the order of the field on the database table, the field name, primary and foreign key information, and a field description.

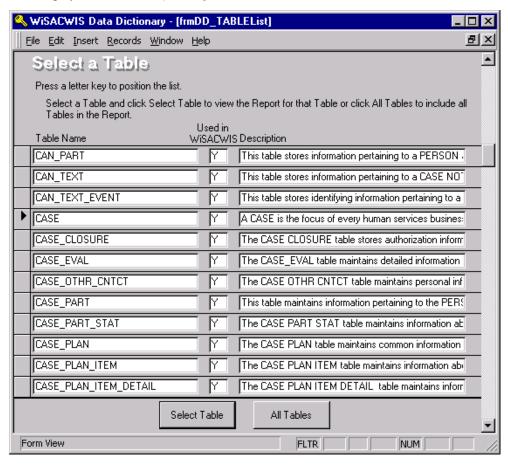


Field	Description	Notes
Table Name	The name that uniquely identifies a	
	WiSACWIS table	
Table	A good explanation of the data content	
Description	and function of this table within	
	WiSACWIS	
#	The logical sequence of the field within	
	the table	

Field	Description	Notes
Field Name	The name that uniquely identifies the	
	field within the WiSACWIS table	
Key	An indication of whether or not the field	
	is part of the primary key for the table	
Reqd	An indication of whether or not a valid	
	value is required for the field	
Foreign Key	An indication of whether or not the field	
	is a foreign key to another table	
Foreign Key	One of the foreign key tables	Will only be present if Foreign Key is "Yes".
Table		
General	A good explanation of the field's	Blank lines are compressed if this description
Description	meaning and values	is not present.
Table-specific	A description of the field as it pertains to	Blank lines are compressed if this description
Description	its inclusion on this table	is not present.

1. Related Window - Select a Table

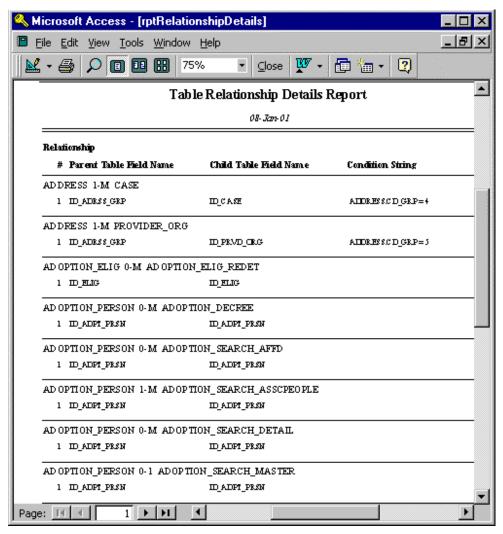
The *Select a Table* window provides the user with the ability to select a particular WiSACWIS table to display on the *Table Layout Report*.



Field/Button	Description	Notes
Table Name	The name of the WiSACWIS Table	
Used in	An indication of whether or not the	This will always be Y (yes) for this particular
WiSACWIS	Table is used in WiSACWIS	usage of the table selection list.
Description	The beginning portion of the table	
	description	
<select table=""></select>	Closes the window and opens a preview	Double-clicking a Table row is analogous to
button	window for the Table Layout Report for	selecting that Table and clicking the <ok></ok>
	the selected table	button.
<all tables=""></all>	Closes the window and opens a preview	
button	window for the Table Layout Report for	
	the ALL Tables	
<any letter<="" td=""><td>Positions the list to the first Table Name</td><td>A beep will sound if a key is pressed that</td></any>	Positions the list to the first Table Name	A beep will sound if a key is pressed that
key>	that starts with the letter key pressed	does not correspond to a Table Name on the
		list.

D. Table Relationships Detail Report

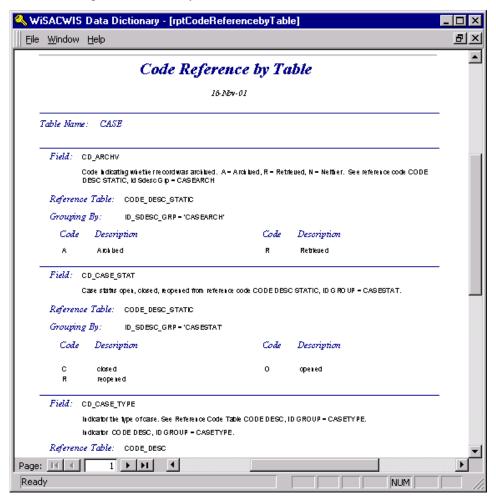
The *Table Relationships Detail Report* displays each table to table relationship defined in the Data Dictionary and the fields in the related tables that describe how the tables are related. Also, if the relationship requires the use of an additional condition string to fully describe the relationship, that condition string is displayed.



Field	Description	Notes
Relationship	The table name, cardinality, and related	
	table name for the selected relationship	
#	The sequential order of the fields within	
	the relationship	
Parent Table	Name of a field on the parent table that	
Field Name	establishes part or all of the relationship	
Child Table	Name of a field on the related table	
Field Name	whose value must be equal to the value	
	in Field Name for two records to be	
	related in the two tables	
Condition	Additional SQL WHERE condition	
String	necessary for defining the table to table	
	relationship	

E. Code Reference by Table Report

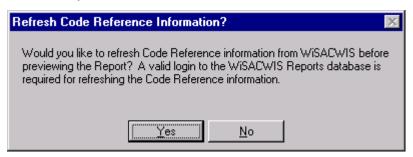
The *Code Reference by Table Report* lists coded fields and valid values for a selected table or for all tables. Before the report is previewed, the user if presented with the option of refreshing code value data or not. For ease of processing and to allow code value data to be available in the transportable Dictionary, the Data Dictionary captures and stores code value and description information. This report contains the logic for refreshing this code value data from the WiSACWIS code tables (not available in the transportable Dictionary).



Field	Description	Notes
Table Name	The name that uniquely identifies a	This will be the selected table if one was
	WiSACWIS table	selected. Otherwise each WiSACWIS table
		is shown on this report in alphabetic order.
Field	The name that uniquely identifies the	Only coded fields with an identified
	field within the WiSACWIS table	Reference Table are displayed on this report.
Reference	The name of the WiSACWIS code table	
Table	that contains the valid values and	
	descriptions for this coded field	
Grouping By	The group name that identifies the set of	Not all coded fields require a group name.
	valid values for this coded field within	
	the above Reference Table	
Code	Valid codes for this field	Inactive codes are not shown.
Description	A description for the code value	

1. Related Window – Refresh Code Reference Information?

The *Refresh Code Reference Information?* window provides the user with the ability to refresh the code values and descriptions stored in the Data Dictionary with the values on the actual WiSACWIS code tables prior to previewing the *Code Reference by Table Report*. This pop-up window will not be displayed when previewing the *Code Reference by Table Report* in the transportable Dictionary.



Field/Button	Description	Notes
<yes> button</yes>	Closes the window, refreshes the code	
	values and descriptions stored in the	
	Data Dictionary, and opens the Select a	
	<i>Table</i> window to allow the user to select	
	a table or all tables for the report	
	preview with refreshed code value data	
<no> button</no>	Closes the window and opens the Select	
	a Table window to allow the user to	
	select a table or all tables for the report	
	preview without refreshed code value	
	data	

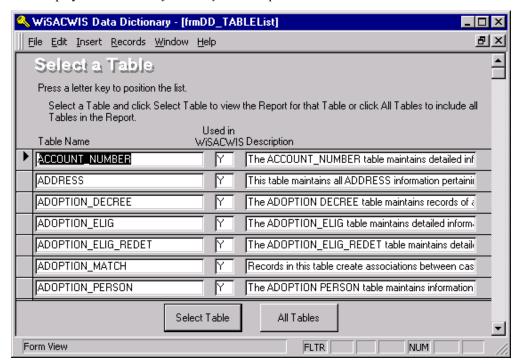
2. Related Window - Oracle8 ODBC Driver Connect

The *Oracle8 ODBC Driver Connect* window connects the Data Dictionary user with the Oracle tables that contain the code values and descriptions. This window is only displayed if the user requested a refresh of the code value data on the *Refresh Code Reference Information?* window. A valid login for the appropriate Oracle database environment is required to complete this refresh operation. The specific Oracle database environment is selected using the *Re-link Code Tables* function available from the *Data Dictionary Utilities Menu*. See Section *IX.C. Re-link Code Tables* for more details. The user enters the valid password and clicks the <OK> button to proceed. This login will not appear and is unnecessary when using the transportable Dictionary.



3. Related Window - Select a Table

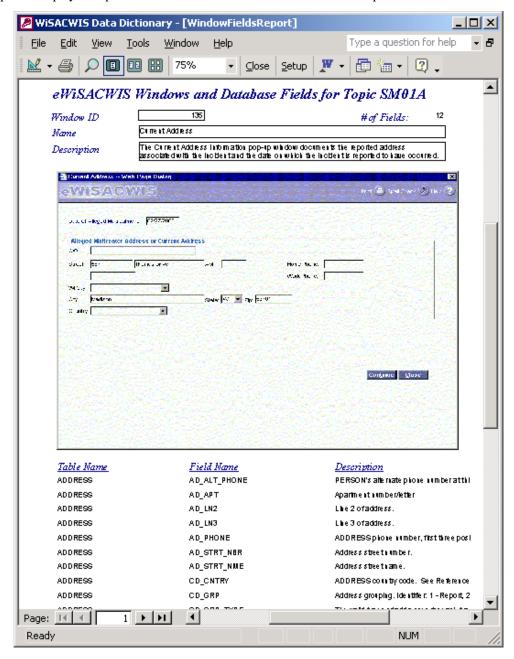
The *Select a Table* window provides the user with the ability to select a particular WiSACWIS table to display on the *Code Reference by Table Report*.



Field/Button	Description	Notes
Table Name	The name of the WiSACWIS Table	
Used in	An indication of whether or not the	This will always be Y (yes) for this particular
WiSACWIS	Table is used in WiSACWIS	usage of the table selection list.
Description	The beginning portion of the table	
	description	
<select table=""></select>	Closes the window and opens a preview	Double-clicking a Table row is analogous to
button	window for the Code Reference by Table	selecting that Table and clicking the <ok></ok>
	Report for the selected table	button.
<all tables=""></all>	Closes the window and opens a preview	
button	window for the Code Reference by Table	
	Report for the ALL Tables	
<any letter<="" td=""><td>Positions the list to the first Table Name</td><td>A beep will sound if a key is pressed that</td></any>	Positions the list to the first Table Name	A beep will sound if a key is pressed that
key>	that starts with the letter key pressed	does not correspond to a Table Name on the
		list.

F. eWiSACWIS Windows and Database Fields Report

The *Windows and Database Fields Report* shows each eWiSACWIS application window that is contained in a WiSACWIS Topic Area and lists the database fields contained on each window. The report is displayed in preview mode after the user selects the desired Topic Area.

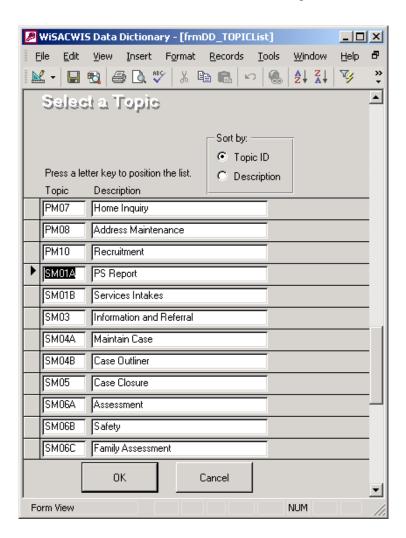


Field	Description	Notes
Topic	The identifier associated with a	
	WiSACWIS Topic Area	
Window ID	The unique ID assigned to a Window	
Name	The name of the eWiSACWIS window	

Field	Description	Notes
Table Name	The name of the table containing the	
	database field	
Field Name	The name that uniquely identifies the	
	field within the WiSACWIS table	
Description	A brief description regarding the	
	contents of this field	

1. Related Window - Select a Topic

The *Select a Topic* window provides the user with the ability to select a particular WiSACWIS Topic for the eWiSACWIS Windows and Database Fields Report.

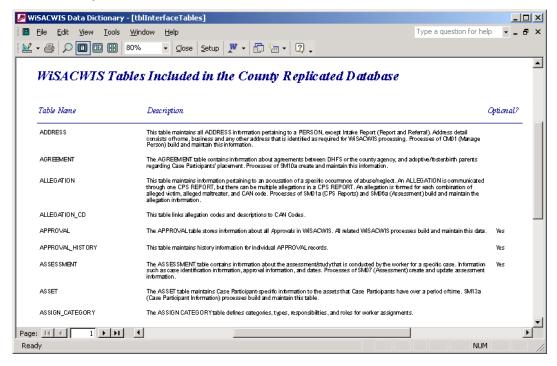


Field/Button	Description	Notes
Topic	The assigned identifier for the topic	
Description	A descriptive name for the topic	
Sort By	Toggles between two different sort sequences for the list	The selected sort sequence affects letter key list positioning as described below.

Field/Button	Description	Notes
<ok> button</ok>	Closes the window and opens a preview	Double-clicking a Topic row is analogous to
	window for the eWiSACWIS Windows	selecting that Topic and clicking the <ok></ok>
	and Database Fields Report for the	button.
	selected topic	
<cancel></cancel>	Closes the window	
button		
<any letter<="" td=""><td>Positions the list to the first topic that</td><td>If the Sort By is set to Topic ID, the letter</td></any>	Positions the list to the first topic that	If the Sort By is set to Topic ID, the letter
key>	starts with the letter key pressed	key pressed will position the list on the first
		Topic ID starting with that letter. If the Sort
		By is set to Description, list positioning is
		based on the text of the Description field. A
		beep will sound if a key is pressed that does
		not correspond to a topic on the list.

G. Tables Included in County Replicated Database Report

The *Tables Included in County Replicated Database Report* displays the list of tables that are included in each county's WiSACWIS Replicated Database. Some tables are optional and are only populated with data if a county chooses.



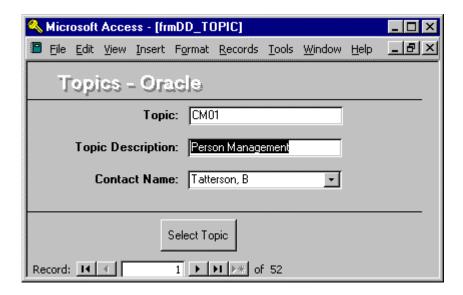
Field	Description	Notes
Table Name	The unique name of the table	
Description	A brief description of the contents or	
	function of the table	
Optional?	An indication of whether or not the table	
	is always included in the Replicated	
	Database.	

V. Base Dictionary Information Maintenance Menu Windows

This section shows and describes the windows that are directly and indirectly accessible from the *Base Dictionary Information Maintenance Menu*. Indirectly accessible windows are listed as *Related Windows*.

A. Maintain Topics - Oracle Window

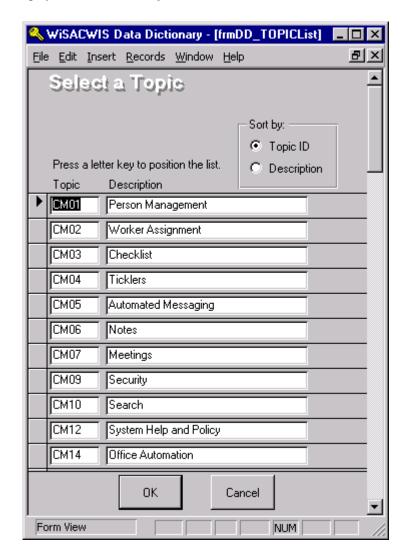
The *Maintain Topics - Oracle* window allows the user to view and maintain base topic information stored in the Oracle DICTIONARY_DD_TOPIC table. This information is stored in a similarly named MS Access table in the transportable Dictionary.



Field/Button	Description	Notes
Topic	The assigned code that uniquely	
	identifies a WiSACWIS topic	
Topic	A brief phrase describing the	
Description	functionality and features within the	
	topic	
Contact Name	The last name of the AMS team leader	
	who is the subject matter expert for this	
	topic	
<select topic=""></select>	Opens the Select a Topic window	Allows selection of a different topic the user
button		wants to view. Alternatively, the record
		navigation buttons at the bottom of the
		window can be used to scroll through all of
		the topics.

1. Related Window - Select a Topic

The *Select a Topic* window provides the user with the ability to select a particular WiSACWIS topic to display on the *Maintain Topics – Oracle* window.

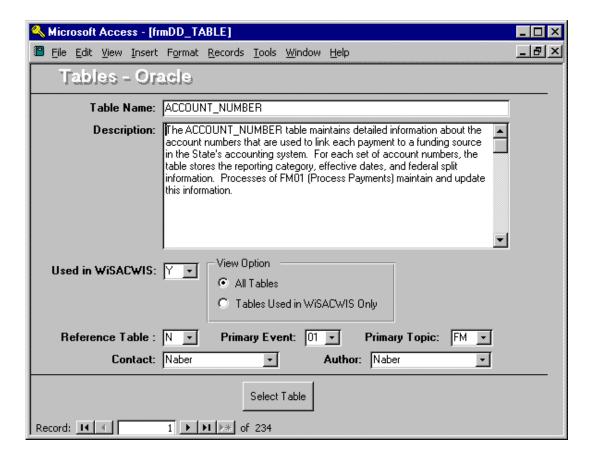


Field/Button	Description	Notes
Topic	The assigned identifier for the topic	
Description	A descriptive name for the topic	
Sort By	Toggles between two different sort	The selected sort sequence affects letter key
	sequences for the list	list positioning as described below.
<ok> button</ok>	Closes the window and returns the	Double-clicking a Topic row is analogous to
	selected topic to the Maintain Topics –	selecting that Topic and clicking the <ok></ok>
	Oracle window for display	button.
<cancel></cancel>	Closes the window	
button		

Field/Button	Description	Notes
<any letter<="" td=""><td>Positions the list to the first topic that</td><td>If the Sort By is set to Topic ID, the letter</td></any>	Positions the list to the first topic that	If the Sort By is set to Topic ID, the letter
key>	starts with the letter key pressed	key pressed will position the list on the first
		Topic ID starting with that letter. If the Sort
		By is set to Description, list positioning is
		based on the text of the Description field. A
		beep will sound if a key is pressed that does
		not correspond to a topic on the list.

B. Maintain Tables - Oracle Window

The *Maintain Tables - Oracle* window allows the user to view and maintain base table information stored in the Oracle DICTIONARY_DD_TABLE table. This information is stored in a similarly named MS Access table in the transportable Dictionary.

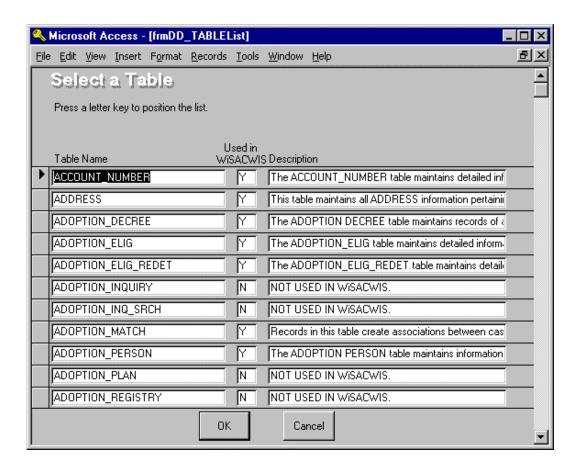


Field/Button	Description	Notes
Table Name	The name that uniquely identifies a	
	WiSACWIS table	
Description	A good explanation of the data content	
	and function of this table within	
	WiSACWIS	
Used in	An indication of whether or not the	Valid values are Y – yes and N – no.
WiSACWIS	current release of WiSACWIS uses the	
	table	

Field/Button	Description	Notes
View Option	Toggles the view of this window between displaying all tables and only tables that are used in the current release of WiSACWIS	
Reference Table	An indication of whether or not the table contains reference data	Valid values are Y – yes and N – no.
Primary Event	The project phase to which this table belongs	There are 3 valid values: 02 – This table was implemented in Event 2; 01 – This table was implemented in Event 1; 00 – This table was part of the transfer system and although it exists, it is not used by the WiSACWIS application.
Primary Topic	The principal topic to which this table belongs	This denotes a generic topic, not a specific topic. Valid values are CM – Common Management; FM – Financial Management; IN – Interfaces; PM – Provider Management; SM – Service Management; and UN – Unused in WiSACWIS.
Contact	The last name of the AMS team leader who is the subject matter expert for this topic	
Author	The last name of the AMS individual who is responsible for the table description	
<select table=""> button</select>	Opens the Select a Table window	Allows selection of a different table the user wants to view. Alternatively, the record navigation buttons at the bottom of the window can be used to scroll through all of the tables.

1. Related Window - Select a Table

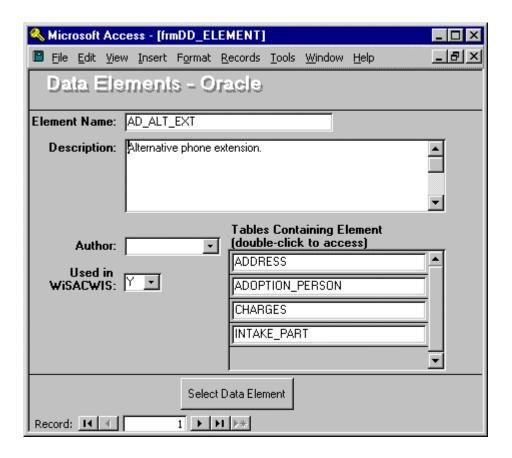
The *Select a Table* window provides the user with the ability to select a particular WiSACWIS table to display on the *Maintain Tables – Oracle* window.



Field/Button	Description	Notes
Table Name	The name of the WiSACWIS Table	
Used in	An indication of whether or not the	If the View Option on the <i>Maintain Tables</i> –
WiSACWIS	Table is used in WiSACWIS	Oracle window is set to Tables Used in
		WiSACWIS Only, then only tables with an Y
		in this field will appear on the list.
Description	The beginning portion of the table	
	description	
<ok> button</ok>	Closes the window and returns the	Double-clicking a Table row is analogous to
	selected table to the <i>Maintain Tables</i> –	selecting that Table and clicking the <ok></ok>
	Oracle window for display	button.
<cancel></cancel>	Closes the window	
button		
<any letter<="" td=""><td>Positions the list to the first Table Name</td><td>A beep will sound if a key is pressed that</td></any>	Positions the list to the first Table Name	A beep will sound if a key is pressed that
key>	that starts with the letter key pressed	does not correspond to a Table Name on the
-		list.

C. Maintain Data Elements - Oracle Window

The *Maintain Data Elements - Oracle* window allows the user to view and maintain base data element information stored in the Oracle DICTIONARY_DD_ELEMENT table. This information is stored in a similarly named MS Access table in the transportable Dictionary.

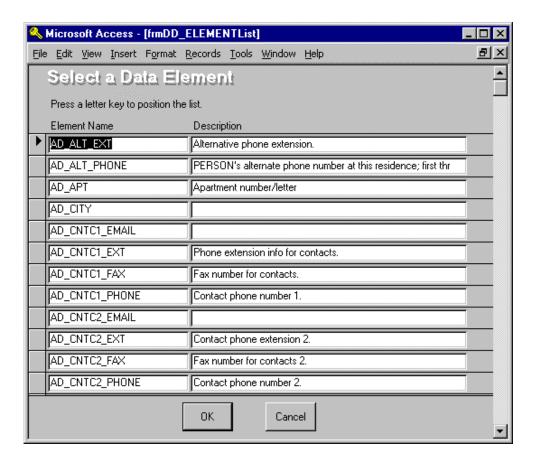


Field/Button	Description	Notes
Element Name	The name that uniquely identifies a	
	WiSACWIS data element	
Description	A good explanation of the data	
	element's meaning and values	
Author	The last name of the AMS individual	
	who is responsible for the data element	
	description	
Used in	An indication of whether or not the	Valid values are $Y - yes$ and $N - no$.
WiSACWIS	current release of WiSACWIS uses the	
	data element	
Tables	Names of tables that contain the data	Double-clicking on a table name opens the
Containing	element	Table Data Elements window.
Element		

Field/Button	Description	Notes
<select data<="" td=""><td>Opens the Select a Data Element</td><td>Allows selection of a different data element</td></select>	Opens the Select a Data Element	Allows selection of a different data element
Element>	window	the user wants to view. Alternatively, the
button		record navigation buttons at the bottom of the
		window can be used to scroll through all of
		the data elements.

1. Related Window - Select a Data Element

The Select a Data Element window provides the user with the ability to select a particular WiSACWIS data element to display on the Maintain Data Elements – Oracle window.

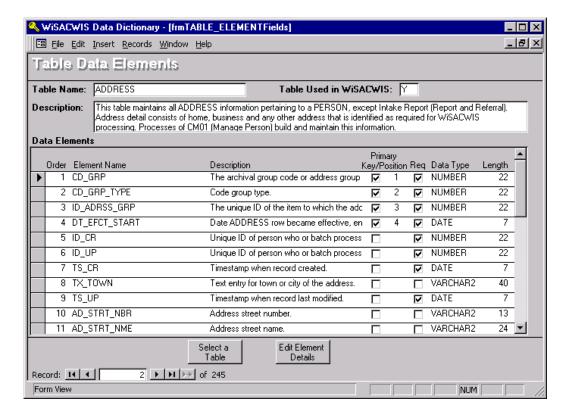


Field/Button	Description	Notes
Element Name	The name of the WiSACWIS Data	
	Element	
Description	The beginning portion of the data	
	element description	
<ok> button</ok>	Closes the window and returns the	Double-clicking a Data Element row is
	selected data element to the Maintain	analogous to selecting that Data Element and
	Data Elements – Oracle window for	clicking the <ok> button.</ok>
	display	
<cancel></cancel>	Closes the window	
button		

Field/Button	Description	Notes
<any letter<="" th=""><th>Positions the list to the first Data</th><th>A beep will sound if a key is pressed that</th></any>	Positions the list to the first Data	A beep will sound if a key is pressed that
key>	Element Name that starts with the letter	does not correspond to a Data Element Name
	key pressed	on the list.

2. Related Window - Table Data Elements

The *Table Data Elements* window provides the user with additional information about the double-clicked table containing the data element being viewed on the *Maintain Data Elements – Oracle* window. See *VI.C. Maintain Table Elements Window* for a detailed description of this window.

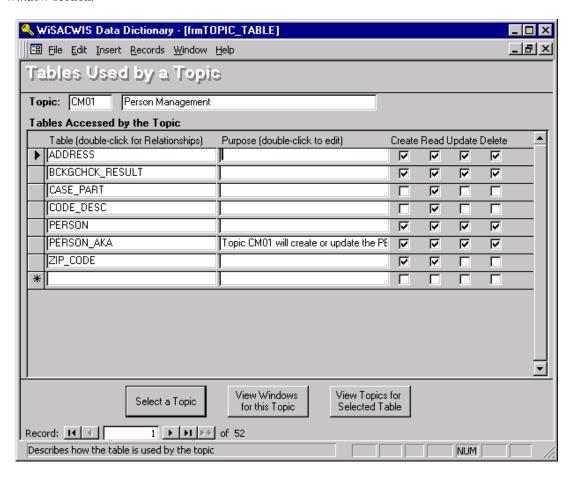


VI. Detailed Dictionary Information Maintenance Menu Windows

This section shows and describes the windows that are directly and indirectly accessible from the *Detailed Dictionary Information Maintenance Menu*. Indirectly accessible windows are listed as *Related Windows*.

A. Maintain Tables Used by a Topic Window

The *Maintain Tables Used by a Topic* window shows the primary tables accessed by each WiSACWIS Topic and for what purpose. Purpose information includes information on the type of access (i.e. create, read, update, or delete) and a narrative description of the purpose of each table in a Topic. The same information is displayed in a different format on the *VI.B. Maintain Topics Using a Table Window* section.

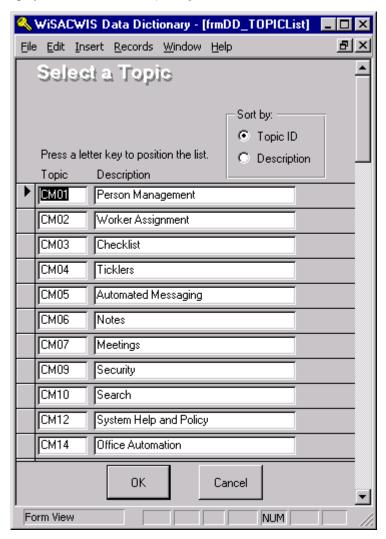


Field/Button	Description	Notes
Topic	The assigned code that uniquely	
	identifies a WiSACWIS topic	
Topic	A brief phrase describing the	
Description	functionality and features within the	
	topic	
Tables	The unique name of a WiSACWIS table	Double-clicking in this field opens the <i>View</i>
Accessed by	that is associated with the topic	All Relationships window.
the Topic	_	_
- Table		

Field/Button	Description	Notes
- Purpose	A description of the table's purpose in	Double-clicking in this field opens the <i>Edit</i>
	the topic area	Purpose window that allows easier viewing
		and maintenance of long purpose statements.
- Create	A checkmark signifies that at least one	
	row of the table may be created by the	
	topic's functionality	
- Read	A checkmark signifies that at least one	
	row of the table may be read by the	
	topic's functionality	
- Update	A checkmark signifies that at least one	
	row of the table may be updated by the	
	topic's functionality	
- Delete	A checkmark signifies that at least one	
	row of the table may be deleted by the	
	topic's functionality	
<select a<="" td=""><td>Opens the Select a Topic window</td><td>Allows selection of a different topic whose</td></select>	Opens the Select a Topic window	Allows selection of a different topic whose
Topic> button		associated tables the user wants to view.
		Alternatively, the user can scroll sequentially
		through the topics using the record
		navigation buttons at the bottom of the
		window.
<view< td=""><td>Opens the Windows by Topic</td><td></td></view<>	Opens the Windows by Topic	
Windows for	Information window for the topic	
this Topic>	displayed on this window	
button		
<view td="" topics<=""><td>Opens the <i>Topics Using a Table</i> window</td><td></td></view>	Opens the <i>Topics Using a Table</i> window	
for Selected	for the table row selected on this	
Table> button	window	

1. Related Window - Select a Topic

The *Select a Topic* window provides the user with the ability to select a particular WiSACWIS topic to display on the *Tables Used by a Topic* window.

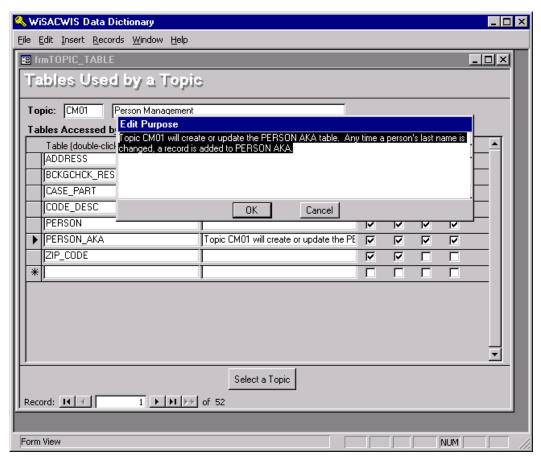


Field/Button	Description	Notes
Topic	The assigned identifier for the topic	
Description	A descriptive name for the topic	
Sort By	Toggles between two different sort sequences for the list	The selected sort sequence affects letter key list positioning as described below.
<ok> button</ok>	Closes the window and returns the selected topic to the <i>Maintain Tables Used by a Topic</i> window for display	Double-clicking a Topic row is analogous to selecting that Topic and clicking the <ok> button.</ok>
<cancel> button</cancel>	Closes the window	

Field/Button	Description	Notes
<any letter<="" td=""><td>Positions the list to the first topic that</td><td>If the Sort By is set to Topic ID, the letter</td></any>	Positions the list to the first topic that	If the Sort By is set to Topic ID, the letter
key>	starts with the letter key pressed	key pressed will position the list on the first
		Topic ID starting with that letter. If the Sort
		By is set to Description, list positioning is
		based on the text of the Description field. A
		beep will sound if a key is pressed that does
		not correspond to a topic on the list.

2. Related Window - Edit Purpose

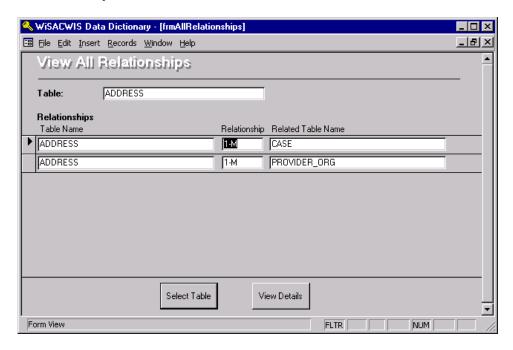
The *Edit Purpose* pop-up window provides a larger text area for viewing and maintaining long purpose statements.



Field/Button	Description	Notes
Edit Purpose	A description of the table's purpose in	
	the topic area	
<ok> button</ok>	Closes the window and returns the	
	purpose to the Maintain Tables Used by	
	a Topic window	
<cancel></cancel>	Closes the window	
button		

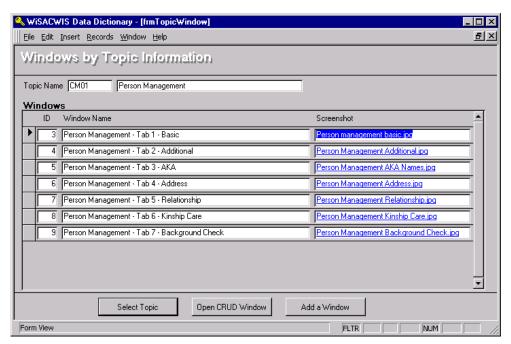
3. Related Window - View All Relationships

The *View All Relationships* window shows all table to table relationships for a particular table. All relationships are displayed for the selected table, regardless of which side of the relationship the selected table is on. This window is inquiry only. This window is described in detail in the *III.A. View All Relationships* section.



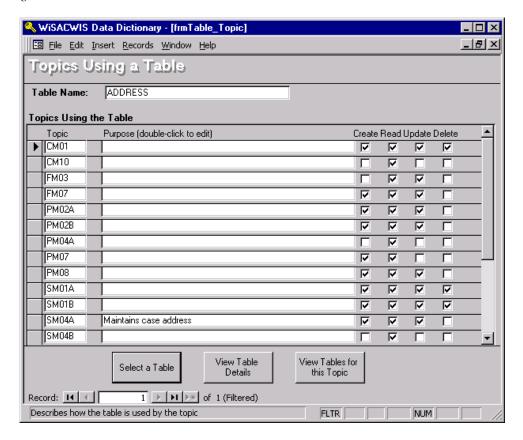
4. Related Window – Windows by Topic Information

The Windows by Topic Information window shows a list of the windows associated with the WiSACWIS topic area. This window is described in detail in the VI.G. Maintain Windows by Topic Information section.



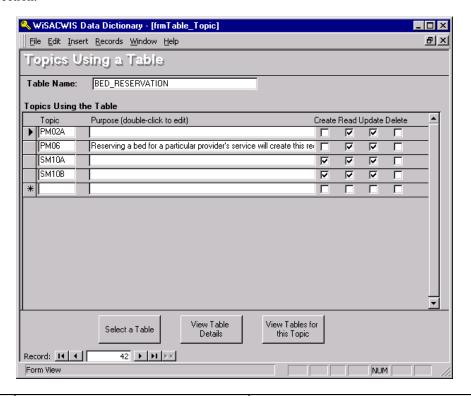
5. Related Window - Topics Using a Table

The *Topics Using a Table* window lists the WiSACWIS topics that use the table selected on the *Tables Used by a Topic* window. This window is described in detail in the *VI.B. Maintain Topics Using a Table Window* section.



B. Maintain Topics Using a Table Window

The *Maintain Topics Using a Table* window shows the primary topics accessing each WiSACWIS table and for what purpose. Purpose information includes information on the type of access (i.e. create, read, update, or delete) and a narrative description of the purpose of the table in each topic. The same information is displayed in a different format on the *VI.A. Maintain Tables Used by a Topic Window* section.

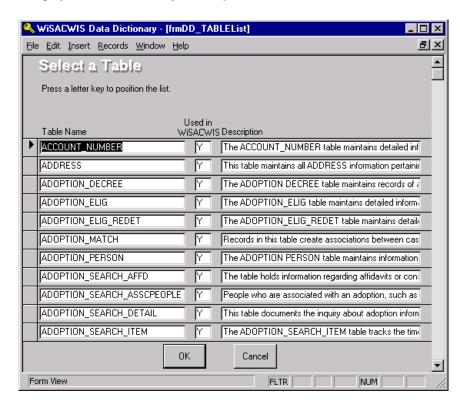


Field/Button	Description	Notes
Table Name	The unique name of a WiSACWIS table	
Topics Using	The assigned code that uniquely	
the Table	identifies a WiSACWIS topic that is	
- Topic	associated with the table	
- Purpose	A description of the table's purpose in	Double-clicking in this field opens the <i>Edit</i>
	this topic area	Purpose window that allows easier viewing
		and maintenance of long purpose statements.
- Create	A checkmark signifies that at least one	
	row of the table may be created by the	
	topic's functionality	
- Read	A checkmark signifies that at least one	
	row of the table may be read by the	
	topic's functionality	
- Update	A checkmark signifies that at least one	
	row of the table may be updated by the	
	topic's functionality	
- Delete	A checkmark signifies that at least one	
	row of the table may be deleted by the	
	topic's functionality	

Field/Button	Description	Notes
<select a<="" td=""><td>Opens the Select a Table window</td><td>Allows selection of a different table whose</td></select>	Opens the Select a Table window	Allows selection of a different table whose
Table> button		associated topics the user wants to view.
		Alternatively, the user can scroll sequentially
		through the tables using the record navigation
		buttons at the bottom of the window.
<view table<="" td=""><td>Opens the <i>Table Data Elements</i> window</td><td></td></view>	Opens the <i>Table Data Elements</i> window	
Details> button	for the table displayed on this window	
<view tables<="" td=""><td>Opens the Tables Used by a Topic</td><td></td></view>	Opens the Tables Used by a Topic	
for this Topic>	window for the topic row selected on	
button	this window	

1. Related Window - Select a Table

The *Select a Table* window provides the user with the ability to select a particular WiSACWIS table to display on the *Maintain Topics Using a Table* window.

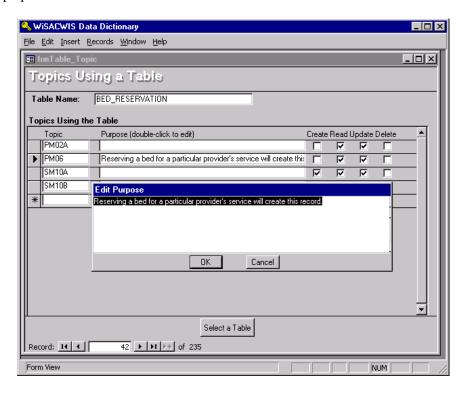


Field/Button	Description	Notes
Table Name	The name of the WiSACWIS Table	
Used in	An indication of whether or not the	This will always be Y (yes) for this particular
WiSACWIS	Table is used in WiSACWIS	usage of the table selection list.
Description	The beginning portion of the table	
	description	
<ok> button</ok>	Closes the window and returns the	Double-clicking a Table row is analogous to
	selected table to the Maintain Topics	selecting that Table and clicking the <ok></ok>
	Using a Table window for display	button.
<cancel></cancel>	Closes the window	
button		

Field/Button	Description	Notes
<any letter<="" th=""><th>Positions the list to the first Table Name</th><th>A beep will sound if a key is pressed that</th></any>	Positions the list to the first Table Name	A beep will sound if a key is pressed that
key>	that starts with the letter key pressed	does not correspond to a Table Name on the
		list.

2. Related Window - Edit Purpose

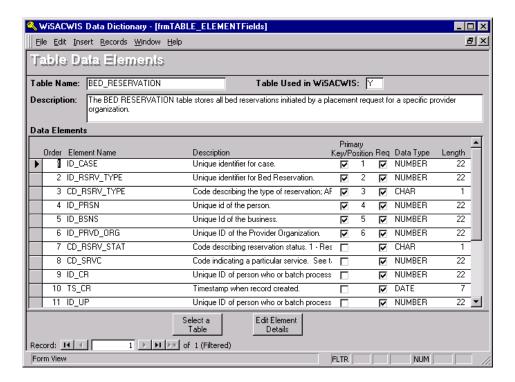
The *Edit Purpose* pop-up window provides a larger text area for viewing and maintaining long purpose statements.



Field/Button	Description	Notes
Edit Purpose	A description of the table's purpose in	
	the topic area	
<ok> button</ok>	Closes the window and returns the	
	purpose to the Maintain Topics Using a	
	Table window	
<cancel></cancel>	Closes the window	
button		

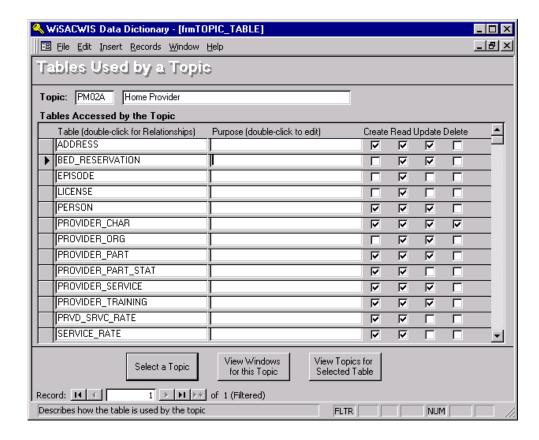
3. Related Window - Table Data Elements

The *Table Data Elements* window provides the user with additional information about the table displayed on the *Topics Using a Table* window. See *VI.C. Maintain Table Elements Window* for a detailed description of this window.



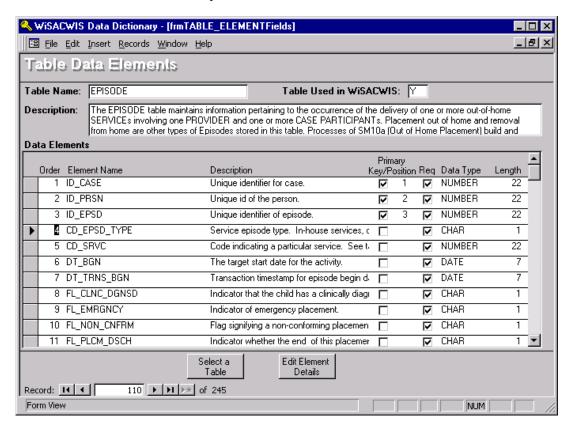
4. Related Window - Topics Using a Table

The *Topics Using a Table* window lists the WiSACWIS topics that use the table selected on the *Tables Used by a Topic* window. This window is described in detail in the *VI.B. Maintain Topics Using a Table Window* section.



C. Maintain Table Data Elements Window

The *Maintain Table Data Elements* window provides the user with information about the data elements contained on each table. Although most of this window is inquiry only, it provides the ability to navigate to the *Maintain Table Element Details* window for viewing and maintaining detailed data element information. The table description can be maintained on the *Table Data Elements* window.

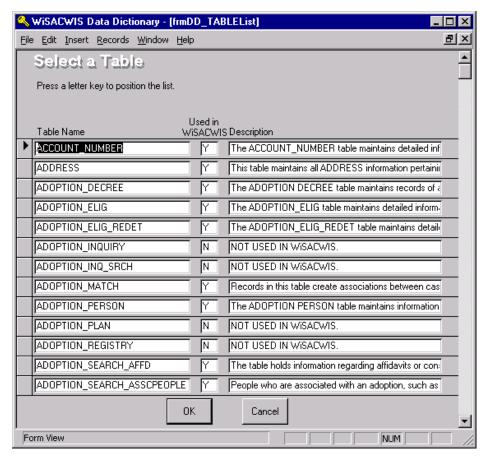


Field/Button	Description	Notes
Table Name	The name that uniquely identifies a	
	WiSACWIS table	
Description	A brief description of the contents of this	This is the only maintainable field on this
	table	window.
Table Used in	An indication of whether or not the	
WiSACWIS	current release of WiSACWIS uses the	
	table	
Order	The logical sequence of the data element	
	within the table	
Element Name	The name that uniquely identifies the	
	field within the WiSACWIS table	
Description	The beginning portion of the field's	
	description	
Primary	An indication of whether or not the field	
Key/Position	is part of the primary key for the table	
	and, if it is, the logical position of the	
	field in the key	

Field/Button	Description	Notes
Req	An indication of whether or not a valid	
	value is required for the field	
Data Type	The field's data type	
Length	The physical length of the field in bytes	
<select a<="" td=""><td>Opens the Select a Table window</td><td>Allows selection of a different table the user</td></select>	Opens the Select a Table window	Allows selection of a different table the user
Table> button		wants to view. Alternatively, the record
		navigation buttons at the bottom of the
		window can be used to scroll through all of
		the tables.
<edit element<="" td=""><td>Opens the Maintain Table Element</td><td>Double-clicking a data element row is</td></edit>	Opens the Maintain Table Element	Double-clicking a data element row is
Details> button	Details window	analogous to selecting that data element and
		clicking the <ok> button.</ok>

1. Related Window - Select a Table

The *Select a Table* window provides the user with the ability to select a particular WiSACWIS table to display on the *Maintain Table Data Elements* window.

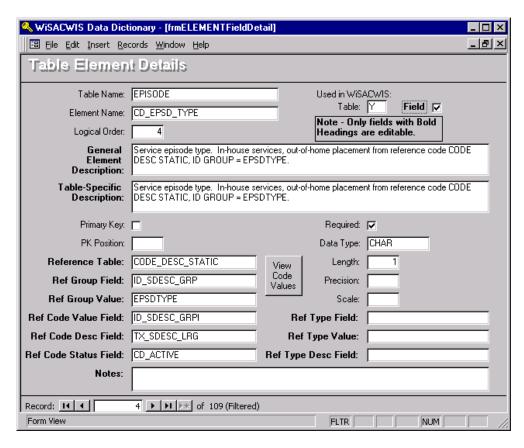


Field/Button	Description	Notes
Table Name	The name of the WiSACWIS Table	
Used in	An indication of whether or not the	
WiSACWIS	Table is used in WiSACWIS	

Field/Button	Description	Notes
Description	The beginning portion of the table	
	description	
<ok> button</ok>	Closes the window and returns the	Double-clicking a Table row is analogous to
	selected table to the Maintain Table	selecting that Table and clicking the <ok></ok>
	Data Elements window for display	button.
<cancel></cancel>	Closes the window	
button		
<any letter<="" td=""><td>Positions the list to the first Table Name</td><td>A beep will sound if a key is pressed that</td></any>	Positions the list to the first Table Name	A beep will sound if a key is pressed that
key>	that starts with the letter key pressed	does not correspond to a Table Name on the
		list.

2. Related Window - Maintain Table Element Details

The *Maintain Table Element Details* window provides the ability to view and maintain detailed information about each table field.



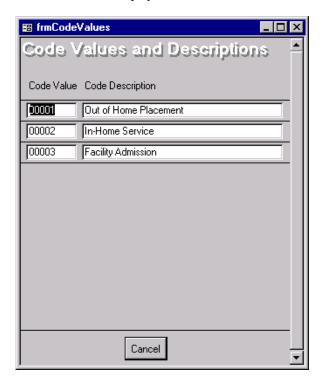
Field/Button	Description	Notes
Table Name	The name that uniquely identifies a	
	WiSACWIS table	
Element Name	The name that uniquely identifies the	
	field within the WiSACWIS table	
Used in	An indication of whether or not the	
WiSACWIS	current release of WiSACWIS uses the	
- Table	table associated with this data element	

Field/Button	Description	Notes
- Element	An indication of whether or not the	
	current release of WiSACWIS uses this	
	data element	
Logical Order	The logical sequence of the data element	This field cannot be edited since it is
	within the table	populated with the value from the Oracle
		system tables
General	A general explanation of the data	
Element	element's meaning and values not	
Description	specific to its inclusion in this table	
Table-Specific	A description of the field as it pertains to	
Description	its inclusion on this table An indication of whether or not the field	This field cannot be edited since it is
Primary Key		
	is part of the primary key for the table	populated with the value from the Oracle
PK Position	Ear mimory leave fields, the leadest	system tables This field cannot be edited since it is
PK POSITION	For primary key fields, the logical position of the field in the key	populated with the value from the Oracle
	position of the field in the key	system tables
Reference	For coded fields, the name of the	system doics
Table	reference table that contains the valid	
Table	values for this field	
Ref Group	The name of the field on the Reference	Some coded fields not make use of this
Field	Table used to identify the group of valid	grouping feature.
	values for this field	8
Ref Group	The value in the Reference Table Ref	This field will not be present if there is not a
Value	Group Field that identifies the group of	Ref Group Field.
	valid values for this field	
Ref Code	The code value field in the Reference	
Value Field	Table that contains the valid values for	
	this field	
Ref Code Desc	The field in the Reference Table that	
Field	describes the meaning of each code	
	value	
Ref Code	The field in the Reference Table that	Some Reference Tables do not have a code
Status Field	indicates the active/inactive status of	status field.
	each code value	
<view code<="" td=""><td>Opens the Code Values and</td><td>This button is disabled for fields that do not</td></view>	Opens the Code Values and	This button is disabled for fields that do not
Values> button	Descriptions pop-up window displaying	have a Reference Table.
D.CT. E' 11	the valid codes for this field	
Ref Type Field	Not used Not used	
Ref Type Value	Not used	
Ref Type Desc	Not used	
Field	I NOT USEC	
Required	An indication of whether or not a valid	This field cannot be edited since it is
Required	value is required for the field	populated with the value from the Oracle
	value is required for the field	system tables
Data Type	The field's data type	This field cannot be edited since it is
	- 111 1101a b data t, po	populated with the value from the Oracle
		system tables
Length	The physical length of the field in bytes	This field cannot be edited since it is
		populated with the value from the Oracle
		system tables

Field/Button	Description	Notes
Precision	Decimal precision of the numeric	This field cannot be edited since it is
	element	populated with the value from the Oracle
		system tables
Scale	Scale of the numeric element	This field cannot be edited since it is
		populated with the value from the Oracle
		system tables
Notes	Any notes related to the data element	
Record	Allows scrolling through all fields in the	In order to use this window with a different
navigation	current table	table, the user must close this window, use
buttons		the Maintain Table Data Elements window to
		select another table, and finally click on the
		<edit details="" element=""> button.</edit>

3. Related Window - Code Values and Descriptions

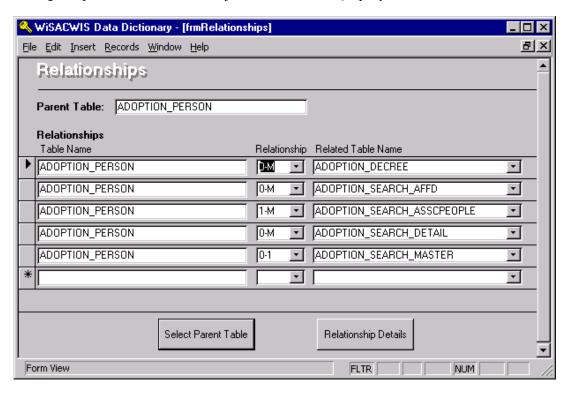
The *Code Values and Descriptions* window provides a list of the valid code values and descriptions for the coded field displayed on the *Table Element Details* window.



Field/Button	Description	Notes
Code Value	A valid value for the coded field	
Code	A brief description of the meaning of the	
Description	code value	
<cancel></cancel>	Closes the window	
button		

D. Maintain Relationships Window

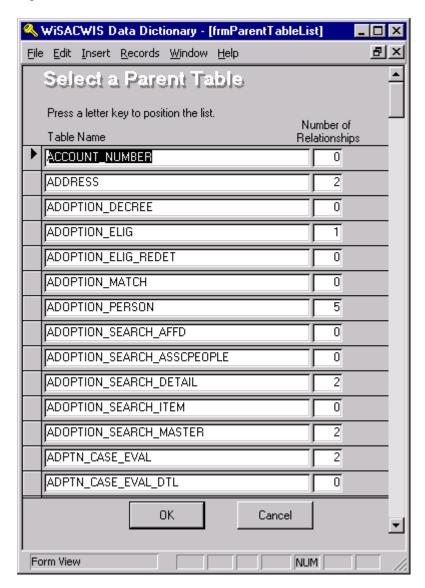
The *Maintain Relationships* window is used to maintain relationships between WiSACWIS tables. This window is used to establish a relationship and define the cardinality of the relationship. The *Maintain Relationship Fields* window is used to define the details of the table to table relationship including the specific table fields used to join the tables in a SQL query.



Field/Button	Description	Notes
Parent Table	Name of the table on the left or parent	A different table can be selected by clicking
	side of the relationship	on the <select parent="" table=""> button.</select>
Relationships	Name of the parent table in the	
- Table Name	relationship	
- Relationship	The cardinality of the relationship	Valid values include 0-1, 1-1, 0-M, and 1-M.
- Related Table	Name of the related table in the	In order to add a new relationship for the
	relationship	parent table, click in this field for the row
		with the "*" in the left column, click on the
		drop-down arrow, select the new child table
		from the list, and use the Relationship drop-
		down to define the cardinality of the
		relationship.
<select parent<="" td=""><td>Opens the Select a Parent Table window</td><td>Allows selection of a different parent table</td></select>	Opens the Select a Parent Table window	Allows selection of a different parent table
Table> button		whose relationships the user wants to view or
		maintain.
<relationship< td=""><td>Opens the Maintain Relationship Fields</td><td>Double-clicking a Relationship row is</td></relationship<>	Opens the Maintain Relationship Fields	Double-clicking a Relationship row is
Details> button	window	analogous to selecting a Relationship and
		clicking the <view details=""> button.</view>

1. Related Window - Select a Parent Table

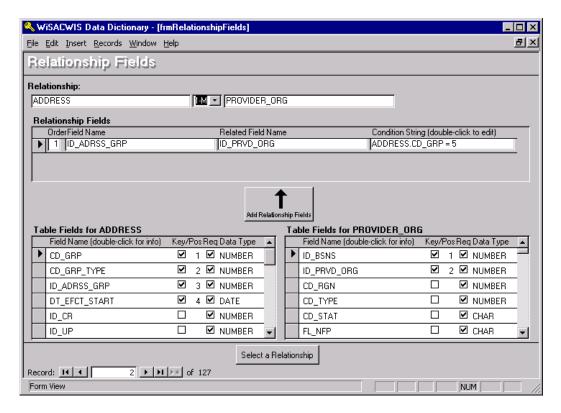
The *Select a Parent* Table window allows the selection of a parent table whose table to table relationships the user wants to view or maintain.



Field/Button	Description	Notes
Table Name	Name of the parent table to select	
Number of	The number of table to table	
Relationships	relationships for the table where it is on	
	the parent side of the relationship	
<ok> button</ok>	Closes the window and re-displays the	Double-clicking a Table Name row is
	Maintain Relationships window for the	analogous to selecting that Table Name and
	selected parent table	clicking the <ok> button.</ok>
<cancel></cancel>	Closes the window without selecting a	
button	new parent table	
<any letter<="" td=""><td>Positions the list to the first Table Name</td><td>A beep will sound if a key is pressed that</td></any>	Positions the list to the first Table Name	A beep will sound if a key is pressed that
key>	that starts with the letter key pressed	does not correspond to a Table Name on the
		list.

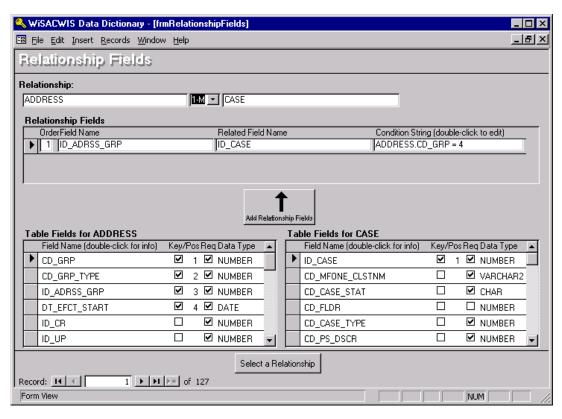
2. Related Window - Maintain Relationship Fields

The Maintain Relationship Fields window provides the user with a tool for maintaining detailed relationship information. This window is described in detail in the Maintain Relationship Fields Window section.



E. Maintain Relationship Fields Window

The Maintain Relationship Fields window provides the user with a tool for maintaining detailed relationship information. The details include the table fields used to join the tables as well as any required condition string that further defines how the tables are related.

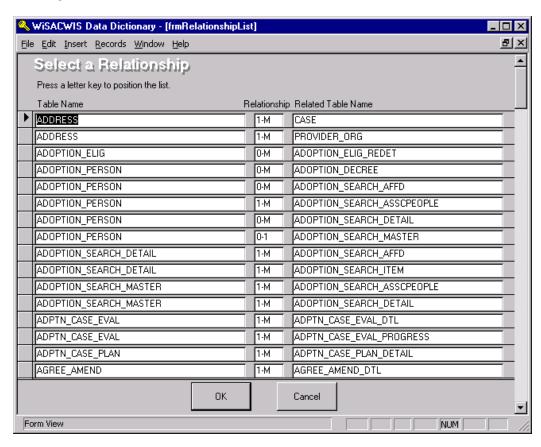


Field/Button	Description	Notes
Relationship	The table name, cardinality, and related	A different relationship can be selected by
	table name for the selected relationship	clicking on the <select a="" relationship=""></select>
		button.
Relationship	The sequential order of the fields within	To delete a relationship field, right-click the
Fields	the relationship	mouse on the selection arrow to the left of
- Order		this field and select "Cut" from the pop-up
		menu. A pop-up window will warn the user
		that they are about to delete a record.
		Selecting "Yes" completes the delete
		operation.
- Field name	Name of a field on the parent table that	
	establishes part or all of the relationship	
- Related Field	Name of a field on the related table	
Name	whose value must be equal to the value	
	in Field Name for two records to be	
	related in the two tables	
- Condition	Additional SQL WHERE condition	If the condition string is long, double-
String	necessary for defining the table to table	clicking in this field opens the Edit Condition
	relationship	String pop-up window.

Field/Button	Description	Notes
<add Relationship Fields> button</add 	Clicking this button adds a relationship fields row consisting of the selected rows from the left and right Table Fields lists	An edit verifies that the data type is the same for the left and right selected rows.
Left Table Fields - Field Name	The name that uniquely identifies the field within the WiSACWIS table on the parent side of the relationship	The selection arrow to the left of this field indicates which Table Field is selected. The selected Table Field will be copied to the Field Name in Relationship Fields when the <add fields="" relationship=""> button is clicked.</add>
- Key/Pos	An indication of whether or not the field is part of the primary key for the table and, if it is, the logical position of the field in the key	Double-clicking anywhere in a Table Field row opens the <i>Table Element Details</i> window for that Table Field.
- Req	An indication of whether or not a valid value is required for the field	
- Data Type	The field's data type	
Right Table Fields - Field Name	The name that uniquely identifies the field within the WiSACWIS table on the child side of the relationship	The selection arrow to the left of this field indicates which Table Field is selected. The selected Table Field will be copied to the Related Field Name in Relationship Fields when the <add fields="" relationship=""> button is clicked.</add>
- Key/Pos	An indication of whether or not the field is part of the primary key for the table and, if it is, the logical position of the field in the key	Double-clicking anywhere in a Table Field row opens the <i>Table Element Details</i> window for that Table Field.
- Req	An indication of whether or not a valid value is required for the field	
- Data Type	The field's data type	
<select a="" relationship=""> button</select>	Opens the Select a Relationship window	Alternatively, the record navigation buttons at the bottom of the window can be used to scroll through all of the relationships.

1. Related Window - Select a Relationship

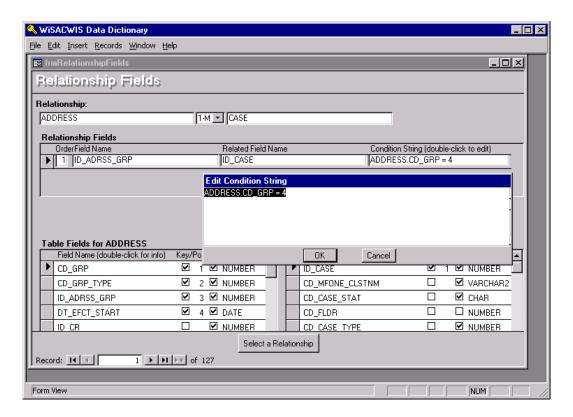
The *Select a Relationship* window allows the Data Dictionary user to select a new table to table relationship in order to view or maintain that relationships field-level detail on the *Maintain Relationship Fields* window.



Field/Button	Description	Notes
Table Name	The name of the parent table in the	
	relationship	
Relationship	The cardinality of the relationship	
Related Table	The name of the related table in the	
Name	relationship	
<ok> button</ok>	Closes the window and re-displays the	Double-clicking a relationship row is
	Maintain Relationship Fields window	analogous to selecting that relationship and
	for the selected relationship	clicking the <ok> button.</ok>
<cancel></cancel>	Closes the window without selecting a	
button	new relationship	
<any letter<="" td=""><td>Positions the list to the first parent table</td><td>A beep will sound if a key is pressed that</td></any>	Positions the list to the first parent table	A beep will sound if a key is pressed that
key>	name that starts with the letter key	does not correspond to a parent table name
	pressed	on the list.

2. Related Window - Edit Condition String

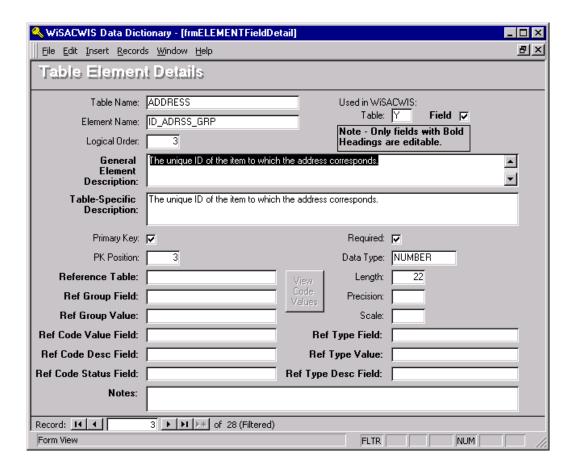
The *Edit Condition String* pop-up window provides a larger text area for editing long condition strings.



Field/Button	Description	Notes
Edit Condition	Additional SQL WHERE clause	
String	condition necessary for defining the	
	table to table relationship	
<ok> button</ok>	Closes the window and returns the	
	condition string to the Condition String	
	field on the Maintain Relationship	
	Fields window	
<cancel></cancel>	Closes the window	
button		

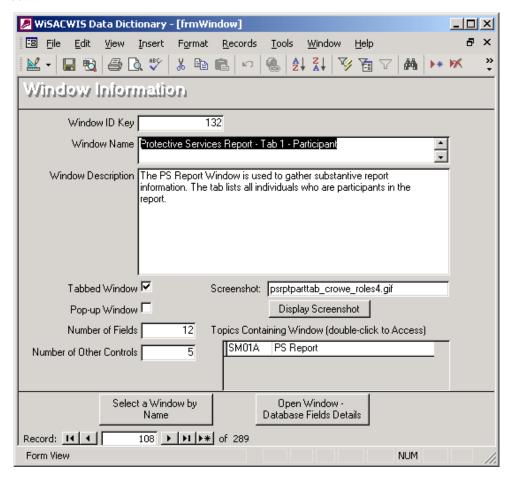
3. Related Window - Table Element Details

The *Table Element Details* window provides the user maintaining table relationships with additional detail concerning the data fields in the parent or child table. A detailed description of this window can be found in section *VI.C.2. Related Window – Maintain Table Element Details*.



F. Maintain Window Information Window

The *Maintain Window Information* window shows information describing a WiSACWIS online application window. From this window, it is also possible to view a sample screenshot of the window as well as to view the complete list of windows included in any of the topic areas associated with this window.

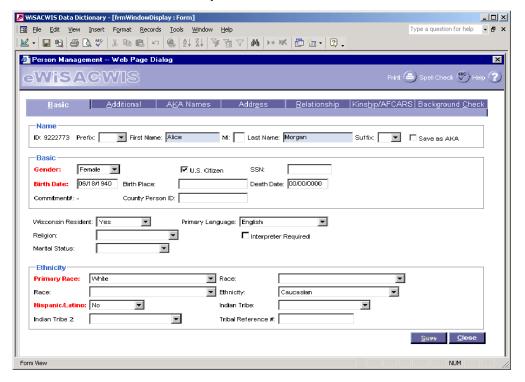


Field/Button	Description	Notes
Window ID	The unique Data Dictionary ID for this	
Key	window	
Window Name	The name of the eWiSACWIS window	Usually the name coincides with the text
		shown in the WiSACWIS title bar.
Window	A brief description of the purpose or	
Description	functionality of the window	
Tabbed	An indication of whether or not the	
Window	window contains tabs	
Pop-up	An indication of whether or not the	
Window	window is a pop-up window	
Number of	The approximate number of data fields	
Fields	contained on the window	
Number of	The number of other controls other than	
Other Controls	data fields (e.g. buttons) contained on	
	the window	

Field/Button	Description	Notes
Screenshot	The name of a picture file showing a	
	sample screenshot of the window	
<display< td=""><td>Opens a window that displays an image</td><td></td></display<>	Opens a window that displays an image	
Screenshot>	of the window	
button		
Topics	A list of the WiSACWIS topics	Double-clicking on a topic opens the
Containing	associated with the window	Windows by Topic Information window for
Window		that topic.
<select a<="" td=""><td>Opens the Select a Window window</td><td>Allows selection of a different window the</td></select>	Opens the Select a Window window	Allows selection of a different window the
Window by		user wants to view. Alternatively, the user
Name> button		can scroll sequentially through the windows
		using the record navigation buttons at the
		bottom of the window.
<open< td=""><td>Opens the <i>Window – Database Fields</i></td><td></td></open<>	Opens the <i>Window – Database Fields</i>	
Window –	Details window	
Database		
Fields Details>		
button		

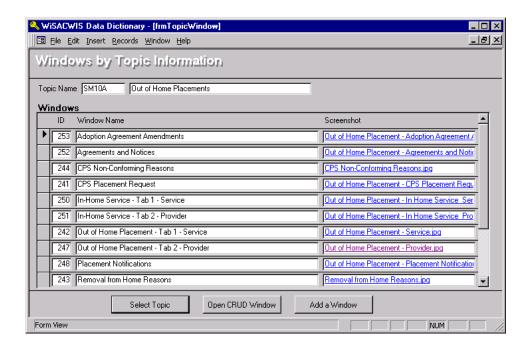
1. Related Window - Window Screenshot

The *Window Screenshot* window provides a view of a sample screenshot of the window whose information is displayed on the *Window Information* window. Close the *Window Screenshot* window to return to the Data Dictionary.



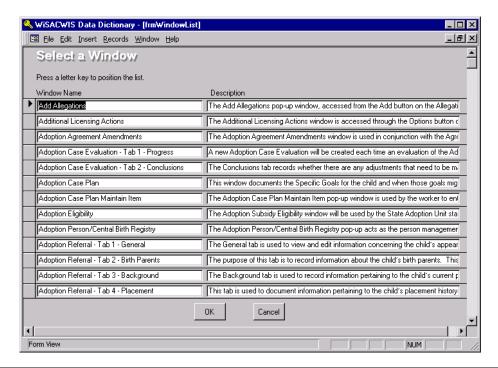
2. Related Window – Windows by Topic Information

The Windows by Topic Information window provides a summary list of the windows associated with the specific WiSACWIS topic double-clicked on the Window Information window. This window is described in detail in section VI.G. Maintain Windows by Topic Information Window.



3. Related Window - Select a Window

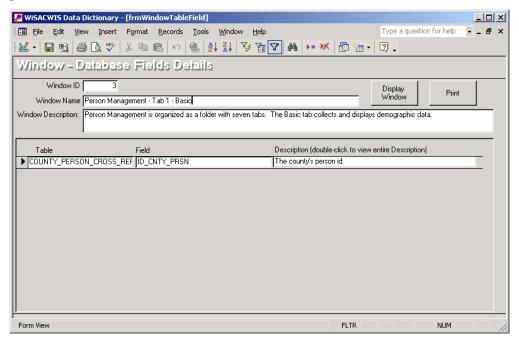
The Select a Window window provides the user with the ability to select a particular WiSACWIS window to display on the Maintain Window Information window.



Field/Button	Description	Notes
Window Name	The name of the eWiSACWIS window	
Description	The beginning portion of the window	
	description	
<ok> button</ok>	Closes the window and returns the	Double-clicking a Window row is analogous
	selected window to the Maintain	to selecting that Window and clicking the
	Window Information window for display	<ok> button.</ok>
<cancel></cancel>	Closes the window	
button		
<any letter<="" td=""><td>Positions the list to the first Window</td><td>A beep will sound if a key is pressed that</td></any>	Positions the list to the first Window	A beep will sound if a key is pressed that
key>	Name that starts with the letter key	does not correspond to a Window Name on
	pressed	the list.

4. Related Window - Window - Database Fields Details

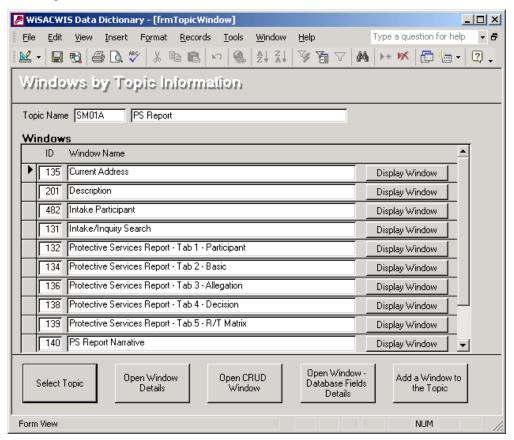
The *Window – Database Fields Details* window provides the user with the ability to view and print the database fields content of the window.



Field/Button	Description	Notes
Window ID	The unique ID assigned to the window	
Window Name	The name of the eWiSACWIS window	
Window	A description of the window	
Description	-	
<display< td=""><td>Opens the Window Screenshot window</td><td>See VI.F.1 Related Window – Window</td></display<>	Opens the Window Screenshot window	See VI.F.1 Related Window – Window
Window>	displaying a sample image of the	Screenshot for additional information.
button	window	
<print> button</print>	Opens a report preview of the	See IV.F eWiSACWIS Windows and
	eWiSACWIS Windows and Database	Database Fields Report for more
	Fields Report for the window	information.
Table	The table containing the database field	
Field	A database field displayed on the	
	window	
Description	The beginning portion of the description	Double-clicking on the Description field
	of this database field	opens the View Description pop-up window
		that displays the entire description.

G. Maintain Windows by Topic Information Window

The *Maintain Windows by Topic Information* window shows a list of all windows associated with a WiSACWIS topic area.

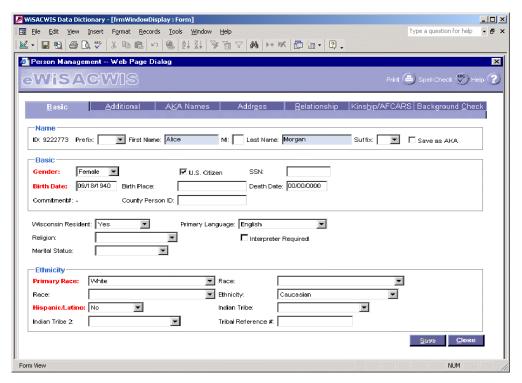


Field/Button	Description	Notes
Topic Name	The unique name for the topic area	
Description	A brief description of the topic area	
ID	The unique Data Dictionary ID for this	
	window	
Window Name	The name of the window	Usually the name coincides with the text
		shown in the WiSACWIS title bar.
<display< td=""><td>Opens the Window Screenshot window</td><td></td></display<>	Opens the Window Screenshot window	
Window>	to display a sample image of the window	
button		
<select topic=""></select>	Opens the Select a Topic window	Allows selection of a different topic the user
button		wants to view.
<open< td=""><td>Opens the Window Information window</td><td>See VI.F. Maintain Window Information</td></open<>	Opens the Window Information window	See VI.F. Maintain Window Information
Window		Window for details concerning this window.
Details> button		
<open crud<="" td=""><td>Opens the <i>Topic Window CRUD</i></td><td></td></open>	Opens the <i>Topic Window CRUD</i>	
Window>	Information window	
button		

Field/Button	Description	Notes
<open< td=""><td>Opens the <i>Window – Database Fields</i></td><td>See VI.F.4 Related Window – Window –</td></open<>	Opens the <i>Window – Database Fields</i>	See VI.F.4 Related Window – Window –
Window –	Details window	Database Fields Details for a description of
Database		this window.
Fields Details>		
button		
<add a<="" td=""><td>Opens the Select a Window window for</td><td></td></add>	Opens the Select a Window window for	
Window to the	the purpose of associating another	
Topic> button	window to this topic area	

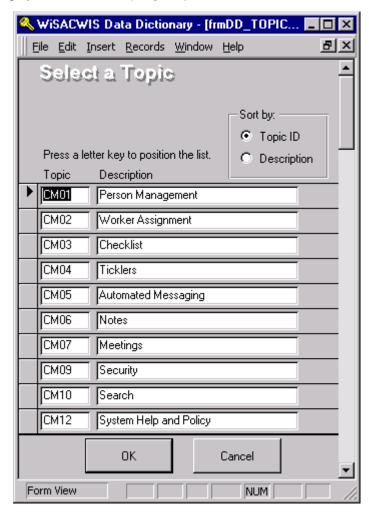
Related Window – Window Screenshot

The *Window Screenshot* window provides a view of a sample screenshot of the selected window from the *Windows by Topic Information* window. A more detailed description of this window can be found in section *VI.F.1. Related Window – Window Screenshot*.



2. Related Window - Select a Topic

The *Select a Topic* window provides the user with the ability to select a particular WiSACWIS topic to display on the *Windows by Topic Information* window.

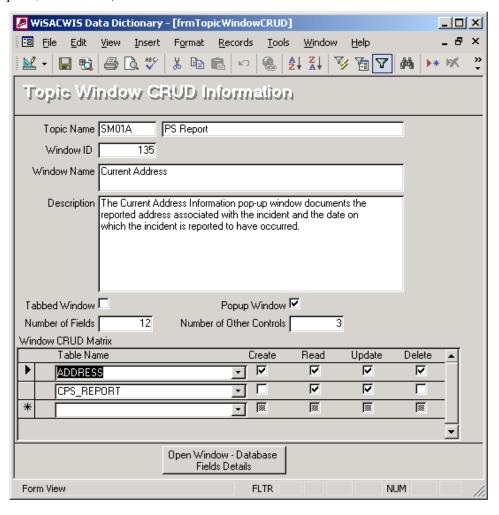


Field/Button	Description	Notes
Topic	The assigned identifier for the topic	
Description	A descriptive name for the topic	
Sort By	Toggles between two different sort	The selected sort sequence affects letter key
	sequences for the list	list positioning as described below.
<ok> button</ok>	Closes the window and returns the	Double-clicking a Topic row is analogous to
	selected topic to the Windows by Topic	selecting that Topic and clicking the <ok></ok>
	Information window for display	button.
<cancel></cancel>	Closes the window	
button		

Field/Button	Description	Notes
<any letter<="" td=""><td>Positions the list to the first topic that</td><td>If the Sort By is set to Topic ID, the letter</td></any>	Positions the list to the first topic that	If the Sort By is set to Topic ID, the letter
key>	starts with the letter key pressed	key pressed will position the list on the first
		Topic ID starting with that letter. If the Sort
		By is set to Description, list positioning is
		based on the text of the Description field. A
		beep will sound if a key is pressed that does
		not correspond to a topic on the list.

3. Related Window - Topic Window CRUD Information

The *Topic Window CRUD Information* window provides details about the tables referenced by each WiSACWIS window and the type of reference by the window (i.e. record create, read, update, and/or delete).

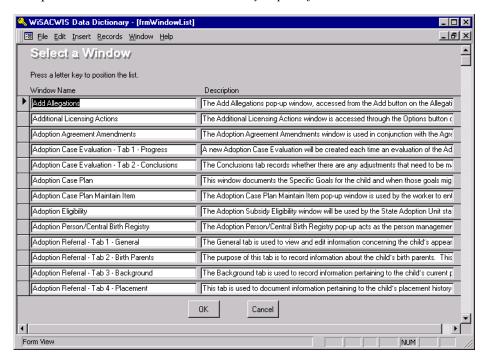


Field/Button	Description	Notes
Topic Name	The unique name for the topic area	
Description	A brief description of the topic area	
Window ID	The unique Data Dictionary ID for this	
	window	

Field/Button	Description	Notes
Window Name	The name of the window	Usually the name coincides with the text shown in the WiSACWIS title bar.
Description	A brief description of the purpose or	
	functionality of the window	
Tabbed	An indication of whether or not the	
Window	window contains tabs	
Pop-up	An indication of whether or not the	
Window	window is a pop-up window	
Number of	The approximate number of data fields	
Fields	contained on the window	
Number of	The number of other controls other than	
Other Controls	data fields (e.g. buttons) contained on	
	the window	
Window	The unique name of a WiSACWIS table	
CRUD Matrix	that is associated with the window	
- Table Name		
- Create	A checkmark signifies that at least one	
	row of the table may be created by the	
	window's functionality	
- Read	A checkmark signifies that at least one	
	row of the table may be read by the	
	window's functionality	
- Update	A checkmark signifies that at least one	
	row of the table may be updated by the	
	window's functionality	
- Delete	A checkmark signifies that at least one	
	row of the table may be deleted by the	
	window's functionality	
<open< td=""><td>Opens the Window – Database Fields</td><td>See VI.F.4 Related Window – Window –</td></open<>	Opens the Window – Database Fields	See VI.F.4 Related Window – Window –
Window –	Details window	Database Fields Details for a description of
Database		this window.
Fields Details>		
button		

4. Related Window - Select a Window

The *Select a Window* window provides the ability to add another window to the topic displayed on the *Windows by Topic Information* window. This window is displayed when the <Add a Window to this Topic> button is clicked on the *Windows by Topic Information* window.



Field/Button	Description	Notes
Window Name	The name of the WiSACWIS window	
Description	The beginning portion of the window	
	description	
<ok> button</ok>	Closes the window and returns the	Double-clicking a Window row is analogous
	selected window as a new row on the	to selecting that Window and clicking the
	Windows by Topic Information window	<ok> button.</ok>
<cancel></cancel>	Closes the window without adding a	
button	new row on the Windows by Topic	
	Information window	
<any letter<="" td=""><td>Positions the list to the first Window</td><td>A beep will sound if a key is pressed that</td></any>	Positions the list to the first Window	A beep will sound if a key is pressed that
key>	Name that starts with the letter key	does not correspond to a Window Name on
	pressed	the list.

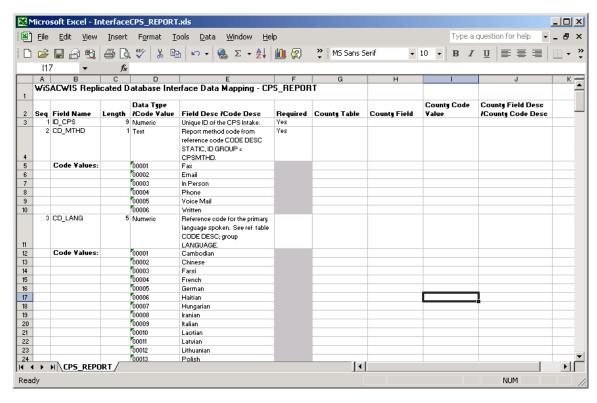
VII. System Interface Support Menu Windows

This section shows and describes the windows that are directly and indirectly accessible from the *System Interface Support Menu*. Indirectly accessible windows are listed as *Related Windows*.

A. Replicated Database Data Mapping Spreadsheet by Table

The Replicated Database Data Mapping Spreadsheet by Table function creates a tool that assists counties in mapping data in their existing local systems to WiSACWIS data elements. This data mapping activity is useful if a county will be developing at least one of the following: 1) ad hoc reports of WiSACWIS data that will be compared, combined, or contrasted with other county data; 2) an ongoing interface between WiSACWIS and their local system(s). The spreadsheets created from this process are in Microsoft Excel 97 format. The spreadsheets are stored in the L:\Statewide_Sacwis\Project Management\Workgroups\County Data Mapping Spreadsheets folder. Spreadsheets generated from the transportable version of the Dictionary are stored in the same folder as the transportable Dictionary .MDB file.

Each Data Mapping Spreadsheet contains the WiSACWIS field information for the selected table on the left side of the spreadsheet. The valid code values are included for coded WiSACWIS fields. The right side of each spreadsheet contains blank fields that counties can use to add their pertinent data mapping information (i.e. county table and field names and matching code values).

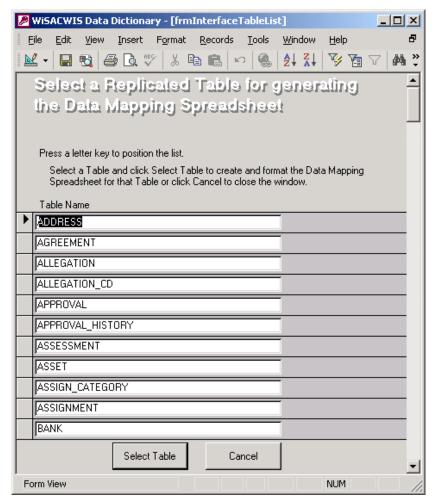


Field	Description	Notes
Spreadsheet	After the dash is the WiSACWIS	
Header	Replicated table name	

Field	Description	Notes
Seq	The logical sequence of the field within	
	the WiSACWIS table	
Field Name	The name that uniquely identifies the	
	field within the WiSACWIS table	
Length	The display length of this data field	
Data	The type of data stored in this field (e.g.	
Type/Code	numeric, text, date) or, if this	
Value	spreadsheet row is displaying code	
	values, a valid WiSACWIS code value	
	for this coded field	
Field	A brief description regarding the	
Desc/Code	contents of this field or, if this	
Desc	spreadsheet row is displaying code	
	values, the meaning of the code value	
County Table	A blank cell for the mapped county table	County data analysts will use this field to
	name	document the county table that maps to this
		interface field.
County Field	A blank cell for the mapped county field	County data analysts will use this field to
	within the county table referred to above	document the county field that maps to this
		interface field.
County Code	A blank cell for the mapped county code	County data analysts will use this field to
Value	value	document the county code value that maps to
		the interface field code value.
County Field	A blank cell for the description of the	County data analysts will use this field to
Desc/County	mapped field or, if this spreadsheet row	document either the mapped field's
Code Desc	is displaying code values, for the	description or the mapped code value's
	description of the mapped code value	description.

1. Related Window – Select a Replicated Table for Generating the Data Mapping Spreadsheet Window

The Select a Replicated Table for Generating the Data Mapping Spreadsheet window provides the user with a list of all the WiSACWIS Replicated tables available for producing a Data Mapping Spreadsheet.

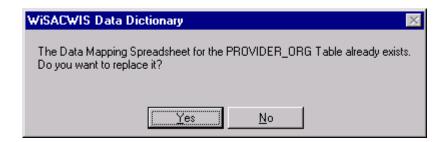


Field/Button	Description	Notes
Table Name	The name of the WiSACWIS Replicated	
	Table available for selection	
<select table=""></select>	Runs the process to create and format	If the Data Mapping Spreadsheet for the
button	the Data Mapping Spreadsheet for the	selected table already exists, a warning
	selected table	message is displayed that provides the user
		with the option to continue or cancel the
		operation. Double-clicking a Table row is
		analogous to selecting that Table and clicking
		the <select table=""> button. The window</select>
		remains open to allow for the creation of
		multiple Data Mapping Spreadsheets.
<cancel></cancel>	Closes the window	
button		

Field/Button	Description	Notes
<any letter<="" th=""><th>Positions the list to the first Table Name</th><th>A beep will sound if a key is pressed that</th></any>	Positions the list to the first Table Name	A beep will sound if a key is pressed that
key>	that starts with the letter key pressed	does not correspond to a Table Name on the
		list.

2. Related Window – Data Mapping Spreadsheet Exists Warning Pop-up Window

The *Data Mapping Spreadsheet Exists Warning Pop-up* window warns the user that the Data Mapping Spreadsheet for the selected table already exists, and provides the user with the option of overlaying the existing spreadsheet or canceling the operation.



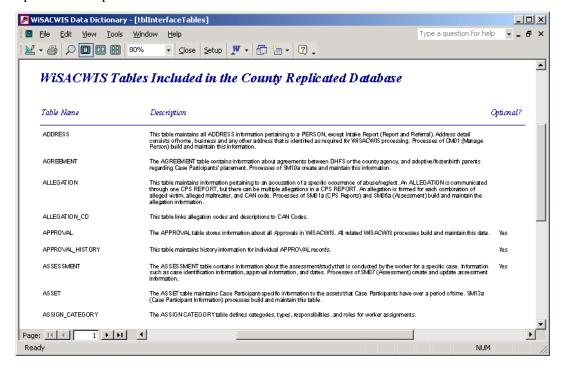
3. Related Window – Data Mapping Spreadsheet Created Pop-up Window

The *Data Mapping Spreadsheet Created Pop-up* window is displayed after the Data Mapping Spreadsheet has been created for the selected table. The message contains the path and file name for the spreadsheet file.



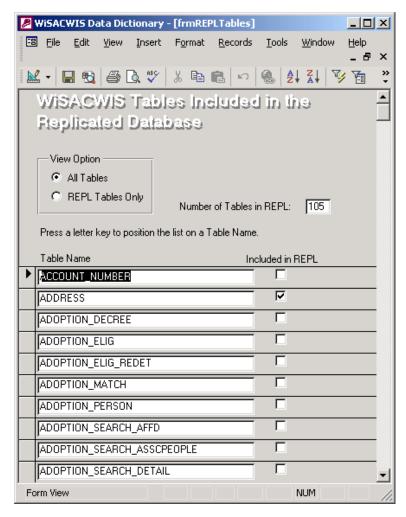
B. Tables Included in County Replicated Database Report

The *Tables Included in County Replicated Database Report* displays the list of tables that are included in each county's WiSACWIS Replicated Database. Some tables are optional and are only populated with data if a county chooses. See *IV.G. Tables Included in County Replicated Database Report* for a description of this report.



C. Maintain Replication Tables Window

The *Maintain Replication Tables* window provides the ability to view and maintain the tables included in each County Replicated Database (REPL). This process is for documentation purposes only. Please refer to the WiSACWIS Replicator documentation for instructions on including or excluding certain tables from a county replication process.



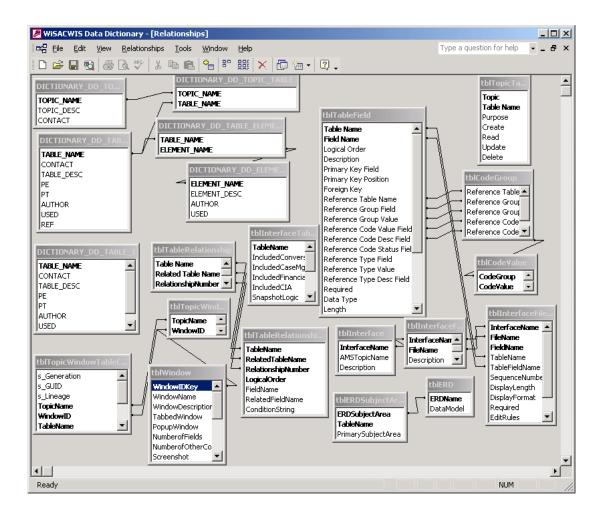
Field/Button	Description	Notes
View Option	Toggles the window view to include all	
	WiSACWIS tables or only those	
	included on the Replicated Database	
Number of	The number of tables included in the	
Tables in	Replicated Database	
REPL		
Table Name	The unique name of a WiSACWIS table	
Included in	An indicator that a table is included on	Clicking the checkbox to display a check
REPL	the Replicated Database	signifies that a table is included on the
	_	Replicated Database.

VIII. Data Models Menu Windows

This section shows and describes the windows that are directly accessible from the Data Models Menu.

A. View Data Dictionary Data Model Window

The *View Data Dictionary Data Model* window provides the Data Dictionary user with insights into how the data within the Dictionary is organized. Each Data Dictionary table is displayed along with the columns included in each table. The lines between the tables depict table relationships.



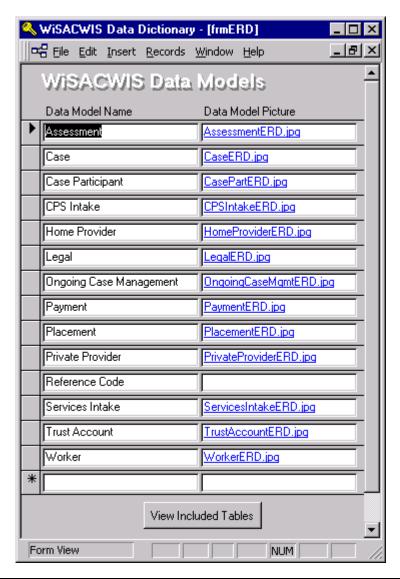
WiSACWIS Data Dictionary tables include:

- DICTIONARY_DD_TOPIC is a linked Oracle table used to store base WiSACWIS topic information.
- DICTIONARY_DD_TABLE is a linked Oracle table used to store base WiSACWIS table information.
- DICTIONARY_DD_ELEMENT is a linked Oracle table used to store base WiSACWIS data element information.
- DICTIONARY_DD_TOPIC_TABLE is a linked Oracle associative table used to relate topics to tables.

- DICTIONARY_DD_TABLE_ELEMENT is a linked Oracle associative table used to related data elements to tables.
- tblTopicTable is an MS Access table used to store detailed information about the association of topics and tables.
- tblTableField is an MS Access table used to store detailed information about the association of tables and fields (a.k.a. data elements).
- tblTableRelationship is an MS Access associative table used to relate tables to other tables.
- tblTableRelationshipField is an MS Access table used to store detailed field-level information about table to table relationships.
- tblCodeGroup is an MS Access table used to associate coded fields with valid codes and descriptions for that field.
- tblCodeValue is an MS Access table used to store valid codes and descriptions for code WiSACWIS database fields.
- tblWindow is an MS Access table used to store information about each window in the WiSACWIS online application.
- tblTopicWindow is an MS Access table used to associate a WiSACWIS topic with the various windows included in the topic area.
- tblTopicWindowTableCRUD is an MS Access table used to store detailed information about the association of tables with windows and topics.
- tblERD is an MS Access table used to store names and hyperlinks to pictures of the Entity Relationship Diagrams (a.k.a. data models) documented in the Data Dictionary.
- tblERDSubjectArea is an MS Access table used to store detailed information about the tables associated with each Entity Relationship Diagram .
- tblInterface is an MS Access table used to store general information about interfaces between WiSACWIS and local county systems.
- tblInterfaceFile is an MS Access table used to store general information about the interface files or tables included with each of the WiSACWIS/County System interfaces.
- tblInterfaceFileField is an MS Access table used to store detailed information about the fields that comprise the files or tables in each of the WiSACWIS/County System interfaces.
- tblInterfaceTable is an MS Access table used to store general information about the source or target WiSACWIS tables that are involved in WiSACWIS/County System interfaces.

B. WiSACWIS Data Models Window

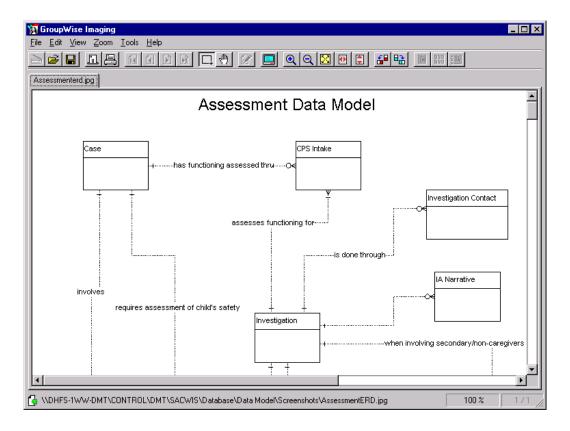
The WiSACWIS Data Models window shows the Data Models available in the Data Dictionary and provides a hyperlink to a picture of each model.



Field/Button	Description	Notes
Data Model	The name of the Data Model	
Name		
Data Model	The name of the data model picture file	Clicking on the file name opens the <i>View</i>
Picture		Data Model window. Right clicking in the
		Data Model Picture field opens a dialog to
		maintain the data model picture file name.
<view< td=""><td>Opens the <i>Data Model – Included</i></td><td></td></view<>	Opens the <i>Data Model – Included</i>	
Included	Tables window	
Tables> button		

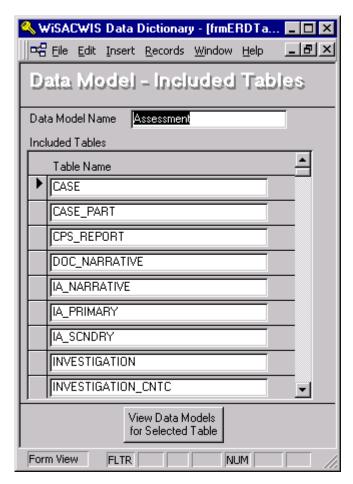
1. Related Window - View Data Model Window

The *View Data Model* window provides a view of the data model picture for the Data Model selected on the *WiSACWIS Data Models* window. The application used to display the picture may vary depending on the image viewing software (e.g. Groupwise Imaging, MS Photo Editor, Internet Explorer) installed on the Data Dictionary user's computer and the software program set as the default .JPG file viewer. Close the *View Data Model* window to return to the Data Dictionary.



2. Related Window - Data Model - Included Tables Window

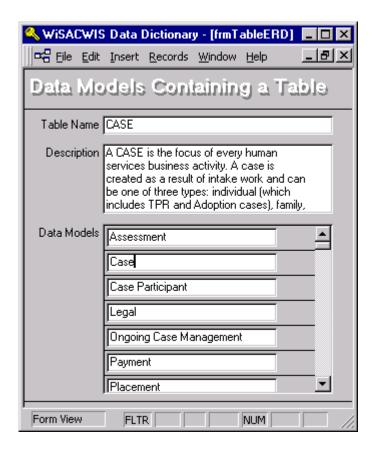
The *Data Model – Included Tables* window provides a list of the WiSACWIS tables contained in the Data Model selected on the *WiSACWIS Data Models* window.



Field/Button	Description	Notes
Data Model	The name of the Data Model	
Name		
Table Name	The name of the WiSACWIS table	
	included in the Data Model	
<view data<="" td=""><td>Opens the Data Models Containing a</td><td></td></view>	Opens the Data Models Containing a	
Models for	<i>Table</i> window for the selected table	
Selected		
Table> button		

3. Related Window – Data Models Containing a Table Window

The *Data Models Containing a Table* window provides a list of the Data Models that contain the table selected on the *Data Model – Included Tables* window. This window is inquiry only.



Field/Button	Description	Notes
Table Name	The name of the WiSACWIS table	
	included in a Data Model	
Description	A description of the table	
Data Models	The name of the Data Models that	
	contain the table	

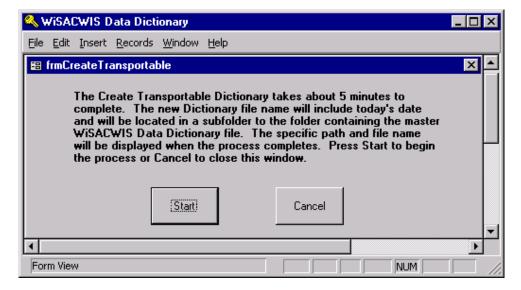
IX. Data Dictionary Utilities Menu Windows

This section shows the functions and processes available on the *Data Dictionary Utilities Menu* for maintaining, refreshing, and distributing the Data Dictionary. This menu is not available in the transportable Dictionary.

A. Create a Transportable WiSACWIS Data Dictionary Window

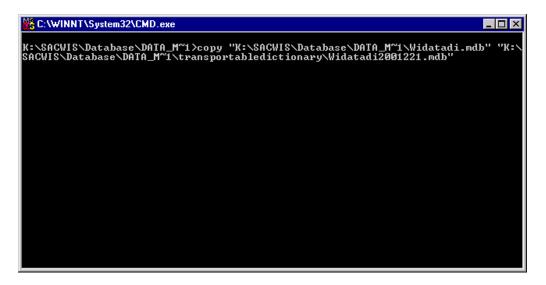
This process creates a new Data Dictionary file that breaks its ties to Oracle. This allows sharing of the resulting file with county WiSACWIS users and others. The standalone Microsoft Access database created by this process is distributed via the WiSACWIS Knowledge Center web site. It is a valuable resource for WiSACWIS users and support staff who are designing or developing ad hoc reports and queries utilizing the Replicated Database.

The first window shown below allows the user to initiate or cancel the process.



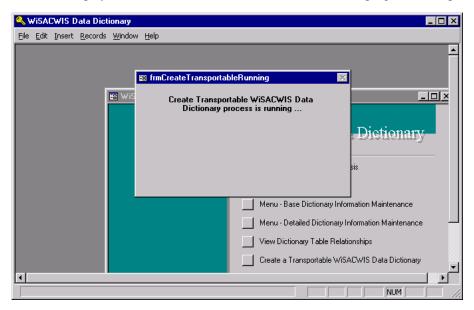
1. Related Window – MS-DOS Prompt

The MS-DOS Prompt window shows the execution of the batch file (.BAT) that the process creates in order to copy the Master Data Dictionary to a different file name in a different folder. The user does not have to respond to this window. It will display for a few seconds and then close as the process continues.



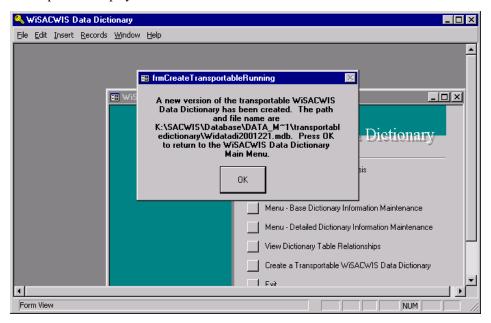
2. Related Window – Create Transportable Data Dictionary Process Is Running

This window displays a message to note that the process is still running. A progress meter (not shown below) is displayed at the bottom of the window to show relative progress of the process.



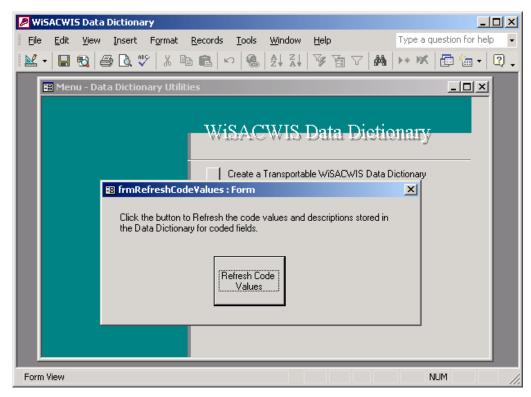
3. Related Window – Create Transportable Data Dictionary Process Completed

This window signifies the completion of this process. The new transportable Data Dictionary file name and path are displayed on this window.



B. Refresh Code Values Window

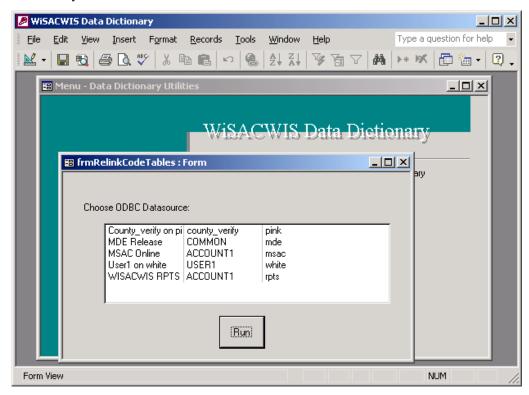
The *Refresh Code Values* window allows the Data Dictionary administrator to update the code values stored in the Dictionary for coded fields. These code values are displayed on several Dictionary windows and reports. A valid login for a WiSACWIS Oracle database environment is required to run this process. The database environment accessed for this process is dependent on the selection made with the *Relink Code Tables* window. See *Section IX.C.* for more information.



Field/Button	Description	Notes
<refresh code<="" td=""><td>Runs the Refresh Code Values process</td><td>The code values are retrieved from the</td></refresh>	Runs the Refresh Code Values process	The code values are retrieved from the
Values> button		WiSACWIS Oracle database environment
		specified by the <i>Relink Code Tables</i> process.
		Coded fields are specified by entering
		appropriate values in the Reference Table,
		Ref Group Field, Ref Group Value, Ref Code
		Value Field, Ref Code Desc Field, and Ref
		Code Status Field fields on the <i>Table Element</i>
		Details window. See Section VI.C.2. for
		more details.

C. Relink Code Tables Window

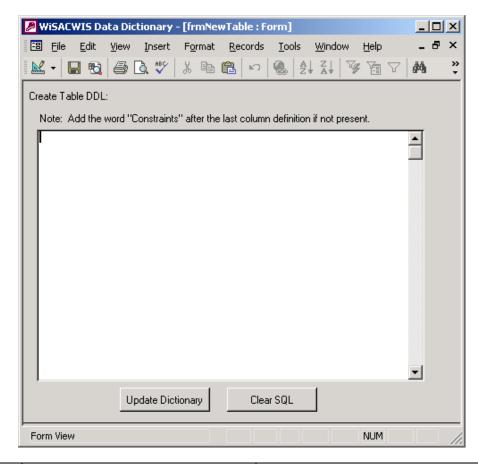
The *Relink Code Tables* window allows the Data Dictionary administrator to select the WiSACWIS Oracle environment to use for refreshing the code values stored in the Data Dictionary. The code values for coded fields are stored redundantly in the Data Dictionary to make them available in the Transportable Dictionary and to simplify the process of displaying the values on reports and windows in the Dictionary.



Field/Button	Description	Notes
Choose ODBC	The ODBC Datasource name, service	The ODBC parameters for the available
Datasource	name, and User ID for the available	WiSACWIS Oracle database environments
	WiSACWIS Oracle database	are stored in the
	environments. Click on a line to	tblODBCRefTableDatasources table. This
	highlight it and select a specific	table can be maintained in datasheet view
	WiSACWIS Oracle environment.	from the MS Access Tables tab. The
		tnsnames.ora file and ODBC datasources
		need to be set up correctly on the Data
		Dictionary administrators computer for this
		process to work correctly.
<run> button</run>	Runs the Relink Code Tables process	

D. Add New Table Window

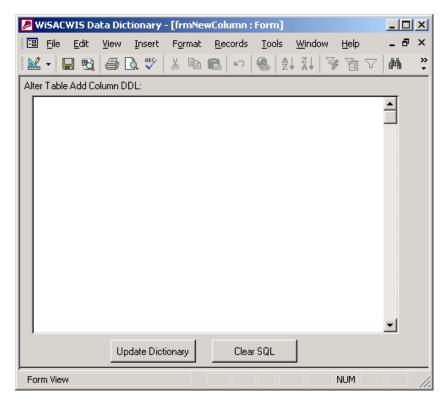
• The *Add New Table* window allows the Data Dictionary administrator to create the base information needed to document a new table in the Data Dictionary. The Create Table SQL for the new table is pasted into the large text box of this window. When the <Update Dictionary> button is pressed, the DICTIONARY_DD_TABLE, DICTIONARY_DD_ELEMENT, DICTIONARY_DD_TABLE_ELEMENT, and tblTableField tables are populated with information parsed from the SQL. As stated in the Note on the window, the Create Table SQL should contain the word "Constraints" in it. The parsing routine is looking for it. If it is not in the SQL for some reason, then the Data Dictionary administrator should add the word after the last column definition. Additional information (e.g. definitions, relationships) needs to be added manually using the appropriate Data Dictionary window to fully document a new table and its columns in the Dictionary.



Field/Button	Description	Notes
Create Table	The Create Table SQL statement for the	The word "Constraints" needs to be added
DDL	new table is pasted into the large textbox	after the last column definition if it is not
		present in the SQL.
<update< td=""><td>Runs the parsing routine</td><td></td></update<>	Runs the parsing routine	
Dictionary>		
button		
<clear sql=""></clear>	Clears the large textbox	Useful if adding more than one table.
button	-	-

E. Add New Column Window

• The *Add New Column* window allows the Data Dictionary administrator to create the base information needed to document a new column in an existing table in the Data Dictionary. The Alter Table SQL for the new column is pasted into the large text box of this window. When the <Update Dictionary> button is pressed, the DICTIONARY_DD_ELEMENT, DICTIONARY_DD_TABLE_ELEMENT, and tblTableField tables are populated with information parsed from the SQL. Additional information (e.g. definitions, code values) needs to be added manually using the appropriate Data Dictionary windows to fully document a new field in the Dictionary.



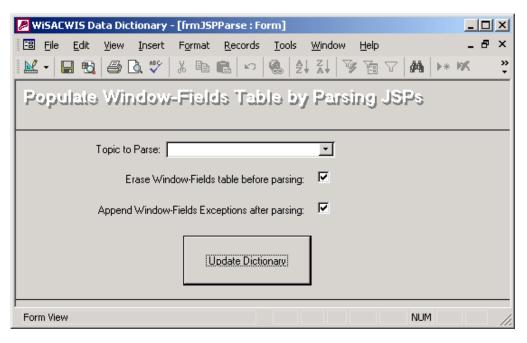
Field/Button	Description	Notes
Alter Table	The Alter Table Add Column SQL	
Add Column	statement for the new column is pasted	
DDL	into the large textbox	
<update< td=""><td>Runs the parsing routine</td><td></td></update<>	Runs the parsing routine	
Dictionary>		
button		
<clear sql=""></clear>	Clears the large textbox	Useful if adding more than one column.
button		

X. Window - Database Fields Association Menu Windows

This section shows and describes the windows and functions available to the Data Dictionary administrator for the purpose of populating or repopulating the eWiSACWIS window to database fields association data stored in the Dictionary. This menu and the associated windows and functions are not available in the transportable Dictionary.

A. Parse eWiSACWIS JSPs to Associate Windows and DB Fields Window

The Parse eWiSACWIS JSPs to Associate Windows and DB Fields window provides the Data Dictionary administrator with the ability to load or refresh the information stored in the Dictionary about which database fields appear on which eWiSACWIS window. This is done by parsing eWiSACWIS Java Server Pages (JSP) code looking for references to database fields. A copy of each eWiSACWIS JSP is available at L:\e_sacwis\JSP in the DHFS environment. The parsing routine contained in this window uses the tblWindow table to determine which JSP(s) to parse for each window. It also contains identifying information for tabs and headers for parsing tabbed eWiSACWIS windows. WiSACWIS Topics are parsed one at a time or the administrator can elect to parse all JSPs at one time. Since, in some cases, the JSPs do not contain a reference to all fields appearing on the eWiSACWIS window, additional window-field references are documented in the tblWindowFieldExceptions table. This table is maintained by the window described in Section X.B. Maintain Window – Database Fields Exceptions Window.

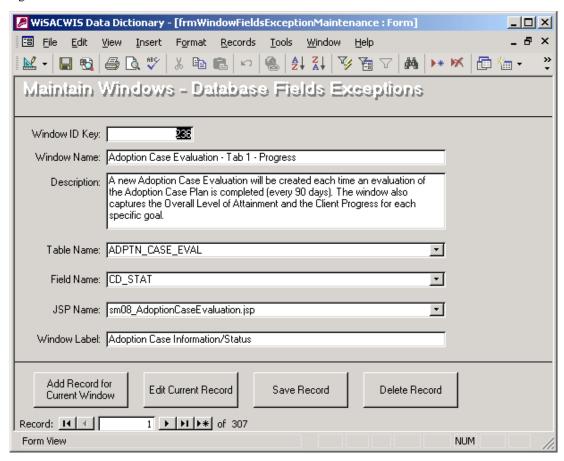


Field/Button	Description	Notes
Topic to Parse	The Data Dictionary administrator can	
	select the WiSACWIS Topic to parse by	
	selecting an item from the dropdown.	
	The administrator can also select "All"	
	to parse all Topics.	

Field/Button	Description	Notes
Erase	A checkmark in this box causes all rows	If this box is not checked then window-field
Window-	in the tblWindowField table to be	association rows found by the parser are
Fields table	deleted prior to running the parsing	appended to the tblWindowField table.
before parsing	routine.	Duplicated rows do not cause any problems
		with the parser.
Append	A checkmark in this box causes all rows	If parsing a Topic at a time, this checkbox
Window-	in the tblWindowFieldsExceptions table	only needs to be checked once.
Fields	to be appended to the tblWindowField	
Exceptions	table.	
after parsing		
<update< td=""><td>Runs the parsing routine with the</td><td></td></update<>	Runs the parsing routine with the	
Dictionary>	options selected.	
button		

B. Maintain Window - Database Fields Exceptions Window

The *Maintain Window – Database Fields Exceptions* window is available to the Data Dictionary administrator to add eWiSACWIS window to database field references that are not captured by the JSP parsing routine described above.

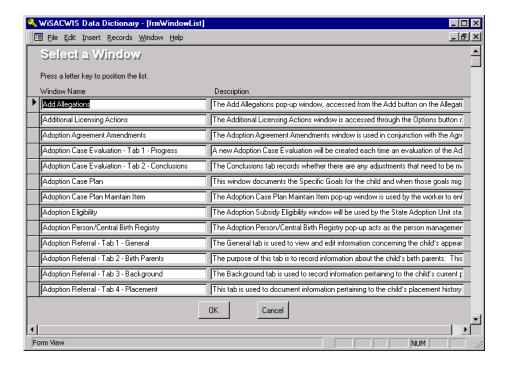


Field	Description	Notes
Window ID	The unique ID of the eWiSACWIS	Display only. The window is selected by
Key	window	using the <insert> button</insert>
Window Name	The name of the window	Display only.
Description	A description of the window	Display only
Table Name	The name of the WiSACWIS Table that	This dropdown only contains values
	contains the missing data field.	documented on the Topic Window CRUD
		Information window (see Section VI.G.3.). If
		the table containing the missing field is not
		present, add the table CRUD information to
		the Topic Window CRUD Information
		window, close the Maintain Windows –
		Database Fields Exceptions window, re-open
		it, and continue working.
Field Name	The name of the missing data field.	This dropdown only contains the fields for
		the table selected in the Table Name
		dropdown.

Field	Description	Notes
JSP Name	Select the JSP that should have contained the missing field.	For documentation purposes only.
Window Label	Enter the label for the missing data field on the window.	For documentation purposes only.
<add record<="" td=""><td>Click this button to add another missing</td><td></td></add>	Click this button to add another missing	
for Current	field to the window currently being	
Window>	displayed	
button		
<edit current<="" td=""><td>Click this button to edit the information</td><td></td></edit>	Click this button to edit the information	
Record>	in the current Window-Fields Exception	
button		
<save record=""></save>	Click this button to save the current	
button	record	
<delete< td=""><td>Click this button to delete the current</td><td></td></delete<>	Click this button to delete the current	
Record>	record	
button		
<insert></insert>	Opens the Select a Window window	
button		
Record	Allows navigating through the existing	
navigation	Window-Fields Exception records	
buttons and		
field		

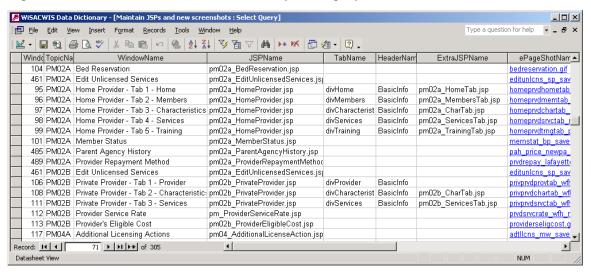
Related Window – Select a Window

The Select a Window window provides the Data Dictionary administrator with the ability to select a particular WiSACWIS window to display on the Maintain Windows – Database Fields Exceptions window. See Section VI.F.3. for more information.



C. Maintain Window - JSP Relationships Window

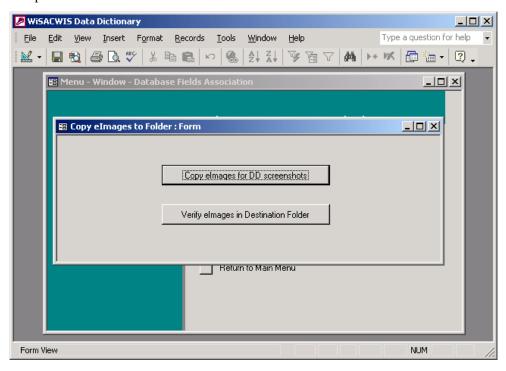
The *Maintain Window – JSP Relationships* window is actually just the datasheet view of the *Maintain JSPs and new screenshots* query. This query shows the pertinent data needed to direct the JSP parsing process. Data can be maintained or added directly to this query.



Field	Description	Notes
WindowIDKey	The unique ID of the window	
TopicName	The name of the WiSACWIS Topic that	Any additions also need to be reflected on the
	contains this window	Maintain Windows by Topic Information
		window (see Section VI.G.).
WindowName	The name of the window	
JSPName	The name of the main JSP for the	
	window	
TabName	The ID of the <div> in the JSP code for</div>	Each tab on a window is considered a
	the tab that contains this windows data.	separate window in the Data Dictionary.
HeaderName	The ID of the <div> in the JSP code for</div>	
	the header information that appears at	
	the top of the window	
ExtraJSPName	The name of the extra JSP that contains	If a window requires more than one extra JSP
	additional code that needs to be parsed	to be parsed, the JSP names are separated by
	for this window	a semi-colon with no spaces before or after
		the semi-colon.
ePageShotNam	The name of the image file that contains	This data can also be maintained on the
e	the sample image of the window	Maintain Window Information window (see
		Section VI.F.).

D. Copy Window Images to Folder Window

The *Copy Window Images to Folder* window is used by the Data Dictionary administrator to prepare eWiSACWIS sample window image files for the Data Dictionary. Sample images for the eWiSACWIS windows were gathered from the eWiSACWIS Web-based Training course material and from the eWiSACWIS Topic Papers. All of these images are stored in a folder. Some of these images have been associated with an eWiSACWIS window documented in the Data Dictionary. The name of the sample window image is stored in the tblWindow table and is maintained on the *VI.F. Maintain Window Information Window*. This copy process finds the name of each image file and copies the file into the specified folder.



Field/Button	Description	Notes
<copy< td=""><td>Click this button to run the copy image</td><td></td></copy<>	Click this button to run the copy image	
eImages for	file routine	
DD		
screenshots		
Verify eImages	Click this button to ensure that all image	
in Destination	files are in the specified folder	
Folder	_	

XI. Appendix

A. Create a Transportable WiSACWIS Data Dictionary Process

Following is a technical description of the steps involved in creating a transportable Data Dictionary file. All of the steps are automated within the Dictionary. This description is intended to provide a behind-the-scenes view of what is occurring in the automated process.

This process is initiated by selecting the *Create a Transportable WiSACWIS Data Dictionary* menu item from the *Main Menu*. This menu item kicks off the transportable dictionary creation process. The entire process consists of the following:

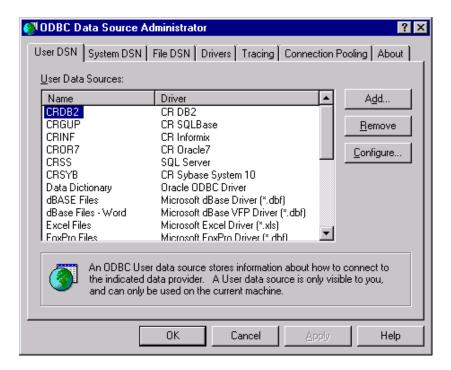
- 1. funcStartCreateTransportable Verifies that the function is being executed in the Master Dictionary (not a transportable one) and opens frmCreateTransportable.
- 2. frmCreateTransportable Allows the option of starting or canceling the process, determines the name of the new transportable Dictionary, creates a BAT file to copy the Master Dictionary to the new transportable Dictionary name in the \transportabledictionary subfolder, and opens the new Dictionary in another Access window and runs the macRunCreateTransportable macro.
- 3. macRunCreateTransportable Opens the frmCreateTransportableRunning form in the new transportable Dictionary.
- 4. frmCreateTransportableRunning Changes mouse to an hourglass, calls the funcMakeDBTransportable function, displays a messagebox when the function completes, and closes the new Dictionary file to finish the process.
- 5. funcMakeDBTransportable Sets up and displays the progress meter, changes the Dictionary's AppTitle to reflect the fact that it is a transportable Dictionary, runs through the following steps, updating the progress meter along the way, to make the Dictionary transportable:
 - Delete relations hooked to the linked Oracle tables
 - Delete the Oracle table links
 - Import each of the Oracle Dictionary tables
 - Set up the primary keys and indices for each of the imported tables
 - Re-establish the relationships between the imported tables and the other Access tables
 - Delete the Create Transportable menu item from the Switchboard table so that it does not appear in the transportable Dictionary Main Menu.
 - Set an indicator so that frmCreateTransportableRunning knows to close the application.

B. ODBC Data Source Set Up Process

The windows listed in this section provide examples for setting up a computer to access the master Data Dictionary. That is, they do not apply to using the transportable Dictionary. Some of the Dictionary information is stored on six Oracle tables that are accessed through ODBC as linked tables in the Data Dictionary application. The windows below show how to set up ODBC access to those tables. Also, some of the Dictionary functions and reports require ODBC access to some of the WiSACWIS code tables. The set up window for this is also displayed below. These set up operations are only necessary for the initial use of the Dictionary.

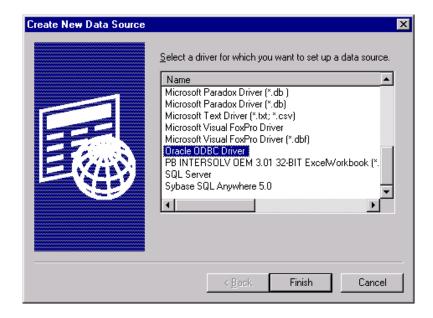
1. ODBC Data Source Administrator Window

This window is accessed by clicking the Windows Start button, selecting Settings, selecting Control Panel, and double-clicking on ODBC Data Sources. This is the starting point for setting up both ODBC access to the Oracle Dictionary tables and the WiSACWIS code tables. Click the <Add...> button to continue.



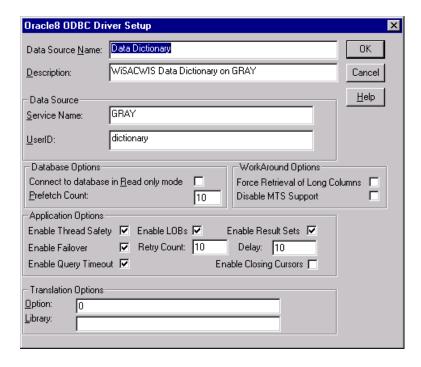
2. Create New Data Source Window

Clicking the <Add...> button on the *ODBC Data Source Administrator* window brings up this window. Select Oracle ODBC Driver and click the <Finish> button. This window is common to both the Oracle Dictionary tables and the WiSACWIS code tables set up.



3. Oracle8 ODBC Driver Setup Window – Data Dictionary

Clicking the <Finish> button on the *Create New Data Source* window brings up this window. To finish setting up ODBC access to the Oracle Dictionary tables, fill in the fields as displayed below and click the <OK> button.



4. Oracle8 ODBC Driver Setup Window - WiSACWIS Code Tables

Clicking the <Finish> button on the *Create New Data Source* window brings up this window. To finish setting up ODBC access to the WiSACWIS code tables, fill in the fields as displayed below and click the <OK> button.

